

DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

BOARD OF CERTIFICATION

DIVISION OF WATER 89 KINGS HIGHWAY DOVER, DELAWARE 19901

PHONE: (302) 739-9946

FAX: (302) 739-8369

Important information for Wastewater Operators that obtain their continuing education training in Pennsylvania

The Delaware Board of Certification for Wastewater Operators (Board) approves courses that have been reviewed and approved for the Wastewater Industry by the State of Pennsylvania, Department of Environmental Health. For additional information on these courses, please reference https://www.ahs2.dep.state.pa.us/GlobalTaps/Modules/Catalog/CourseCatalog.aspx. Please note that Delaware's requirements for a minimum of ten (10) hours of directly related training and a maximum of ten (10) hours of indirectly related training is applicable. For assistance in determining approval rating (direct or indirect), please contact our office at (302) 739-9946.

Continuing Education Training for Licensed Wastewater Operators Required 20 hours approved training (min. 10 hours direct, max. 10 hours indirect) every two (2) years

** AP	PROVE	D FOR	ALL INS	TRUCTORS **	Telephone:						
, ,				V	Vebsite:						
A Direct	PPROVE Indirect		<u>DENIED</u>	Course Name	Course #	Class	Conference	<u>Film</u>	On-Line		
	✓	TBD		Chemical Clothing/Respiratory Protection							
	✓	TBD		Chlorine Safety							
	✓	TBD		Confined Space Safety							
	✓	4.0		CPR & Basic First Aid							
	✓	TBD		Electrical Safety							
	✓	TBD		Excavation Safety							
	✓	TBD		Fire Extinguisher Training							
	✓	TBD		Haz. Mat.							
	✓	TBD		Hazard Communication							
	✓	8		HAZWOPER Annual Refresher					✓		
	✓	TBD		Lockout/Tagout							
	✓	TBD		OSHA (1926) Construction Safety Course							
	✓	TBD		OSHA 10 Hour							
	✓	TBD		OSHA Health and Safety Training for							
				Hazardous Waste Handling							
	✓	TBD		Personal Protective Equipment							
	✓	TBD		Safety							
	✓	TBD		Trenching/Shoring Safety							
	✓	TBD		Workplace Safety							

Some courses may no longer be available, contact course sponsor for availability.

For more information regarding the Wastewater Operator Licensing Program or to view a current copy of this report, visit us at: http://www.dnrec.delaware.gov/wr/Information/SWDInfo/Documents/Approved_Courses.pdf

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Ameri	can Tra	inco, In	с.		Telephone	e: (877) 97	8-7246			
P.O. B	ox 3397	, Englew	ood, CO 8	30155	Website:	www.Ar	nericanT	Trainco.com		
	PPROVE Indirect		DENIED			Course #	Class	Conference	Film	On-Line
				Course Name		Course #			<u></u>	
	<u> </u>	16		National Electrical Code (NEC)			✓			
	✓	10		Saving Energy at Your Facility			✓	Ш	Ш	
	can Wa		_		-	e: (877) 72				
			ndale, CA	93590	Website:	www.am	ericanw	ratercollege.	org	
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		11		Basic Water Math						✓
✓		1		Calculating Area						✓
✓		1		Calculating Volume						✓
✓		1		Force-Pressure-Head						✓
✓		11		Math Book I Complete Course						✓
<u>~</u>		1		Problem Solving			-			✓
✓		1		Pumns						✓
✓		1		Unit Conversions						✓
✓		1		Velocity and Flow Rate						✓
✓		24		Wastewater Treatment Exam Review Grad	de 1					✓
✓		28		Wastewater Treatment Exam Review Grad	de 2					✓
✓		30		Wastewater Treatment Exam Review Grad	de 3					✓
✓		1		Weight/Volume Relationship						✓
Amori	con Wo	tor Wor	ks Associa	tion	Talanhan	e: (800) 92	6 7337			
				er, CO 082353098	Website:	http://wv		a.org/		
	PPROVE	-	,	.,		-		8		
Direct	Indirect	Hours	<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		3		Coagulation, Flocculation and Sedimentat Basics	ion		✓			
✓		3		Disinfection Basics			✓			
Anne	wod Eng	inonmo	nt Inc		Talanhan	e: (877) 24	1 0050			
	oved Env ox 42744		nt, me. apolis, IN 4	16242	Website:	www.ap		e.com		
	PPROVE		· · · · · · · · · · · · · · · · · · ·							
Direct	Indirect	Hours	<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		1		Activated Sludge I						✓
✓		1		Activated Sludge II						✓
✓		1								✓
✓		1		Aerobic & Anaerobic Sludge Digestion						✓
				A '- C(-''' 0. C(1 A1('						✓
✓		1		Air Stripping & Carbon Absorption						·····
✓		1		Ammonia, pH & Chlorine						V
				Ammonia, pH & Chlorine Basic Mathematics						<u></u>

Some courses may no longer be available, contact course sponsor for availability.

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	oved Env					e: (877) 241				
PO Bo	ox 42744	, Indiana	apolis, IN	46242	Website:	www.app	rovedc	e.com		
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
<u>Direct</u>		1		<u>Course Name</u> Biological Nitrogen Removal		<u>course</u> "				<u>on Eme</u>
<u>v</u>		1								✓
		1		BOD, DO & COD						<u></u>
	<u></u>			Chemistry I - Water Chemistry				·····		✓
		1.0		Chemistry II - The Periodic Table						V
			<u>-</u>							V
~		1		Disinfection by Chlorine						<u> </u>
		1	<u>~</u>	Drinking Water Production						
		1		Filtration						V
V			<u>L</u>	Final Effluent I						✓
✓		1		Final Effluent II						✓
✓		1		Ground Water and Wells						✓
✓		1	Ш	Industrial Waste Treatment I						✓
✓		1	<u>U</u>	Industrial Waste Treatment II						✓
✓		1	Ш	Laboratory Procedures for Plant Control						✓
✓		1	<u>U</u>	Laboratory Terms, Equipment & Sampling	g			<u>U</u>		✓
✓		1	<u>U</u>	Maintenance I - Boiler Feed Water						✓
✓		1	<u>L</u>	Maintenance II - Pumps					Ш	✓
V		1	Ш	Membrane Technology			✓			Ш
V		1	Ш	Multiple Choice Questions			Ш.	<u></u>		✓
✓	Ш	1	Ш	Odor Control			<u>L</u>	Ш		✓
✓		1.0		Operation and Control of a Wastewater Treatment Plant						
✓		1		Oxidation Ditches						
✓		1		Ozone Disinfection						✓
✓		1		Package Plants						✓
✓		1		Parasites and Pathogens						✓
✓		1		Primary Treatment						✓
✓		1		Removing Metals from Wastewater						✓
✓		1		Septic Systems and their Maintenance						
✓		1		Sequencing Batch Reactors (SBRs)			✓			
✓		1		Settleability and Loss of Solids						✓
✓		1		Sludge Stabilization Versus Sludge Conditioning						✓
✓		1		Solids Dewatering						✓
✓		1		Solids Handling Alternative						✓
✓		1		The Microlife						✓
✓		1		Trickling Filters & RBCs						✓
✓		1		Understanding Wastewater Mathematics						✓
✓		1		UV Disinfection						✓

Some courses may no longer be available, contact course sponsor for availability.

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Appro	ved Env	ironme	nt, Inc.		Telephone	e: (877) 24	1-9858			
PO Bo	x 42744,	Indiana	apolis, IN	46242	Website:	www.ap	provedc	e.com		
	PPROVE Indirect		DENIED	Carras Nama		Course #	Class	Conference	Film	On-Line
<u>⊅πεετ</u>		1		<u>Course Name</u> Waste Disposal Management		eourse II				<u>♥</u>
✓		1		Wastewater Mathematics I						✓
✓		1		Wastewater Mathematics II						✓
✓		1		Wastewater Mathematics Practice Problem	 ne					✓
✓		1		Wastewater Preliminary Treatment						✓
					T. 1. 1	(202) (5				
			nental Serve gton, DE 19		Website:	e: (302) 65 www.br		senvironme	ntal co	nm
	PPROVE	-	5001, DL 1	7001	Website.	w w w.bi	ownincia	.senviroinne	itui.c	7111
Direct			<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		3		NPDES - Performance Measures			✓			
✓		3		Part I, Annual Inspection Preparation			✓			
✓		3		Part II, Other Inspections Preparation			✓			
✓		3		Wastewater 101 - Advanced Review			✓			
✓		3		Wastewater 101 - Basic Review			✓			
✓		3		You and Your Wastewater Permit			✓			
Califo	rnia Sta	te Univ	ersity, Sacı	ramento	Telephone	e: (916) 27	78-6011			
			nto, CA 95		Website:	www.cs				
<u>A</u>	PPROVE	<u>D</u>								
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	Film	On-Line
✓		20		Utility Management				Ш		
CEU I	Plan				Telephone	e: (352) 75	4-1259			
P.O. B	ox 1035	5, Brook	sville, FL	34603	Website:	www.ce	uplan.co	m		
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
<u> </u>		1		Accounting 101		<u>course</u>				<u> </u>
V		1		Accounting 102				П		✓
✓		1		Activated Sludge I: Introduction and Ove	rview					✓
✓		1		Activated Sludge II: 2nd Clarifiers and R						✓
				WAS	110					
✓		1		Activated Sludge III: Oxygen Demand- Transfer-Uptake						✓
✓		1		Activated Sludge IV: Process Control & Troubleshooting, Part 1						✓
✓		1		Activated Sludge V: Troubleshooting, Pa						✓
✓		5		Activated Sludge: Complete Course						✓
✓		2		Advanced Mathematics						✓
	✓	3		Analytical Chemistry Techniques						✓
			✓	Arsenic						✓
✓		1		Atoms & Molecules						✓
	✓	1		Back Disorders						✓

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CEU I	Plan					e: (352) 754	1-1259			
P.O. B	ox 1035	5, Brool	ksville, FL	34603	Website:	www.ceu	plan.co	m		
	PPROVE		DENIED			C	Cl	C C	D'1	0.1.
Direct	Indirect		DENIED	<u>Course Name</u>		Course #	Class	Conference	Film	
✓		10		Basic Chemistry: Complete Course						✓
✓		1		Basic Computers					Ш	✓
✓		1		Basic Mathematics						✓
✓		1		Basic Microbilogy, Part 1						✓
✓		2		Basic Microbiology, Part 2						✓
	✓	4		Becoming a First Class Supervisor (BFCS) Complete Course	:					✓
	•	1		Becoming a First Class Supervisor (BFCS) Delegation/Motivation	:					✓
	✓	1		Becoming a First Class Supervisor (BFCS) Effective Supervisory Communication	:					✓
	✓	1		Becoming a First Class Supervisor (BFCS) Leadership/Coaching	:					✓
	✓	1		Becoming a First Class Supervisor (BFCS) Transition from Craftsman to Supervisor						✓
✓		1		Rio-Augmentation						✓
✓		1		Blueprints I: How to Read Blueprints		61				✓
✓		1		Chemical Ronding						✓
✓		1		Chemical Nonmenclature						✓
✓		1		Chloride Dioxide						✓
✓		1		Chlorinators						<u>~</u>
✓		1		Chlorine Procedures						<u>✓</u>
✓		2		Collection Mathematics						<u>✓</u>
✓		1		Collection System: Getting to the Root for	he					✓
				Sewer Problem						
✓		4		Collection System: Sewer Line Root Contr	ol					✓
✓		1		Components of Chlorine						✓
✓		2		Corrective Preventive Maintenance (CPM) Building a PM Program	:					✓
✓		8		Corrective Preventive Maintenance (CPM) Complete Course						✓
✓		2		Corrective Preventive Maintenance (CPM) Creating SOPs						✓
✓		2		Corrective Preventive Maintenance (CPM) Tracking Failures	:					✓
✓		2		Corrective Preventive Maintenance (CPM) Functions, Failures - Mode & Effects						✓
✓		1		Corrosion Control						✓
			✓	Cryptosporidium: What is Cryptosporidium	n?					✓
✓		3		Dechlorination: Gas Application & Useage						✓
	✓	1.0		Delegation/Motivation		2296				

Some courses may no longer be available, contact course sponsor for availability.

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CEU I	Plan			Τ	elephone	: (352) 754	-1259			
P.O. B	30x 1035	5, Brook	sville, FL	34603 V	Vebsite:	www.ceup	olan.co	m		
	PPROVE		DENIED			C #	Cl	Cf	D:1	O I :
Direct	Indirect		DENIED	Course Name		Course #	Class	Conference	FIIM	
		1		Disinfection By-Products: Summary of Rul	e					✓
✓		1								✓
	✓	1		Effective Supervisory Communication		2297	Ш		Ш	
	✓	1		Emergency Response						✓
✓		3		Emerging Waterborne Pathogens						✓
✓		1		Enhanced Coagulation						✓
✓		1		Filamentious Bacteria & Process Control						✓
✓		4		FOG: Fats, Oils & Grease						✓
✓		1		Geology						✓
✓		1		Have You Seen the Light? Introduction to U Technology						✓
✓		4		Hazardous Materials Effects to Human Heal	lth					✓
			✓	Health Concerns of Public Interest						✓
	✓	1		Heat Stress						✓
✓		1		History of Ultraviolet Disinfection						✓
	✓	2		HIV in Wastewater: Presence & Risk						✓
	✓	1		Indoor Air Quality						✓
✓		1		Industrial Wastewater Sludge						✓
✓		6		Industrial Wastewater Treatment						✓
	✓	1		Introduction into the CDC Organization						✓
✓		1		Introduction to Backflow Prevention						✓
✓		6		Introduction to Basic Microbiology & Paras	ites					✓
✓		2		Introduction to Biological Nutrient Remova						✓
✓		1		Introduction to Chlorine						✓
	✓	1		Introduction to Online Analytical w/ww Instrumentation						✓
✓		1		Introduction to Solids Handling and Stabilization						✓
✓		1		Introduction to Wastewater Microbiology & Process Control	:					✓
✓		1		Laboratory Practices (LP): Basic Wastewat Lab Procedures	er					✓
✓		1		Laboratory Practices (LP): Biochemical Oxygen Demand (BOD)						✓
•		1		Laboratory Practices (LP): Fecal Coliform Bacteria						✓
✓		1		Laboratory Practices (LP): Lab Terminolog & Apparatus	gy					✓
✓		1		Laboratory Practices (LP): Nitrogen-Ammo	onia					✓
•		1		Laboratory Practices (LP): Solids						✓

Some courses may no longer be available, contact course sponsor for availability.

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CEU I	Plan				Telephone	e: (352) 754	-1259			
P.O. B	30x 10355	, Brool	ksville, FL	34603	Website:	www.ceu	plan.co	m		
	PPROVE		DENHED			<i>C</i> "	CI.	C C	E11	0.1:
	Indirect		DENIED	Course Name		Course #	Class	Conference	Film	
✓		6		Laboratory Practices (LP): Wastewater Techniques Complete Course						✓
	✓	5		Laboratory Safety: Complete Course						✓
	✓	1		Laboratory Safety: Electrical, Fire & Rad Safety	iation					✓
	✓	1		Laboratory Safety: Guidelines-Chemical a Biosafety	&					✓
	✓	1		Laboratory Safety: Labware and Waste Disposal						✓
	✓	1		Laboratory Safety: Overview, Rules & Regulations						✓
	✓	1		Laboratory Safety: The Nucleus of a Lab Safety Program						✓
	✓	1		Laser Hazards						✓
			✓	Lead and Cooper Rule						✓
	✓	1		Leadership						✓
	✓	1		Leadership/Coaching		2295				
	✓	1		Legionnaires Disease						✓
✓		1		Lift Station Renair						✓
	✓	2		Managers Guide to Cost Control						✓
✓		1		Nuclear Decay						✓
✓		4		Onsite Sodium Hypochlorite Generation						✓
✓		1		ORP - Wastewater Biological Nutrients Removal Process						✓
✓		1		ORP: Instrumentation and Measurement						✓
✓		1		Oxidation in Water/Wastewater						✓
✓		1		Package Wastewater Treatment Plants		2136				
	✓	1		Parasites Part 1 - Helminths						✓
✓		2		Parasites, Part 2						✓
	✓	1		Personal Sampling						✓
✓		1		pH Instrumentation and Measurement						✓
✓		1		Pipes, Valves & Fittings						✓
✓		1		Primary Treatment						✓
✓		1		Procedures for UV Pilot Testing						✓
			✓	Public Admin I						✓
✓		1		Reverse Osmosis						✓
	✓	1		Sampling for Surface Contaminants						✓
✓		1		Septage Handling at the Treatment Plant						✓
✓		4		Sludge Digestion and Solids Handling (SDSH): Complete Course						•

Some courses may no longer be available, contact course sponsor for availability.

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CEU I	Plan				Telephone	e: (352) 754	4-1259			
P.O. B	O. Box 10355, Brooksville, Fl <u>APPROVED</u> Direct Indirect Hours DENIEI			34603	Website:	www.ceu	plan.co	m		
			DEMIED			C #	Class	Cf	D:1	O I :
	Indirect	Hours	DENIED	<u>Course Name</u>		Course #	Class	Conference	FIIM	
✓		1		Sludge Digestion and Solids Handling (SDSH): Introduction to Solids Handling Stabilization	&					✓
✓		1		Sludge Digestion and Solids Handling (SDSH): Sludge Conditioning & Dewater	ing					✓
✓		1		Sludge Digestion and Solids Handling (SDSH): Sludge Digestion and Beneficial	Use					✓
✓		1		Sludge Digestion and Solids Handling (SDSH): Stabilization						✓
✓		2		Solubility						✓
✓		1		States of Matter						✓
✓		1		Stormwater: New Orleans - History of Stormwater Pumping						✓
✓		5		Submersible Sewage Pumping Systems (SSPS): Complete Course						✓
✓		1		Submersible Sewage Pumping Systems (SSPS): Controls						✓
✓		1		Submersible Sewage Pumping Systems (SSPS): Controls, Start-Up & Operation						✓
✓		1		Submersible Sewage Pumping Systems (SSPS): Description of Pumps						✓
✓		1		Submersible Sewage Pumping Systems (SSPS): Introduction & Design Considera	tions					✓
✓		1		Submersible Sewage Pumping Systems (SSPS): Selection of Submersible Pumps						✓
	✓	1		Technical Equipment						✓
	✓	4		Toxic & Hazardous Material Handling Procedures						✓
	✓	1		Transition from Craftsman to Supervisor		2294				
•		1		Treatment Plant Maintenance & Accident Prevention (TPMAP): Checklists Mean M Than A Checkmark	Iore					✓
✓		4		Treatment Plant Maintenance & Accident Prevention (TPMAP): Complete Course						✓
✓		1		Treatment Plant Maintenance & Accident Prevention (TPMAP): Equipment Failure Hazards	s &					✓
✓		1		Treatment Plant Maintenance & Accident Prevention (TPMAP): Ownership of Equipment						✓
✓		1		Treatment Plant Maintenance & Accident Prevention (TPMAP): Solutions Can Be Healthy						✓
	✓	1		Trenchless Technologies: An Introduction	1					✓

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CEU F	Plan				Telephone	e: (352) 754	1-1259			
P.O. B	ox 1035	5, Brool	ksville, FL	34603	Website:	www.ceu	plan.co	m		
_	PPROVI		B = 1			a	~·	~ ^		
<u>Direct</u>	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #	Class	<u>Conference</u>	<u>Film</u>	
	✓	2		Trenchless Technologies: Complete Cour	se					✓
	✓	1		Trenchless Technologies: Pipeline & Stru Rehabilitiation						✓
✓		1		Trickling Filters						✓
✓		1		Use of an Excel Spreadsheet in a Wastewa Treatment Plant	iter					✓
✓		1		UV Disinfection: Sizing a UV & Factors Affecting Operations						✓
	✓	1		Ventilation						✓
✓		1		Wastewater "Package" Treatment Plant						✓
✓		2		Wastewater Formulas						✓
✓		3		Wastewater Microbiology & Process Cont	rol					✓
✓		1		Wastewater Operational Tools						✓
✓		1		Wastewater Sludge Treatment (WST):						✓
✓		1		Wastewater Sludge Treatment (WST): Terminology and Thickening Dewatering						✓
✓		2		Wastewater Sludge Treatment: Complete Course						✓
	✓	2		Water Purification						✓
✓		2		Water Reuse						✓
✓		1		Wind Turbines & Alternative Energy Reso						✓
✓		1		Your Responsibility with the Regulatory Agency						✓
Chesar	peake C	'allege			Telephone	e: (410) 822	2-5400			
-	-	_	ye Mills, N	MD 21679	Website:	, ,		apeake.edu/		
	PPROVI		,			•		1		
	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		7		Enhanced Nutrient Removal		CEX 319	✓			
Danica	a Consu	lting an	d Training	Services	Telephone	e: (215) 354	1-5532			
105 Ne	elson Dr	ive, Chu	rchville, PA	A 18966	Website:					
	PPROVI		DEMIED			C #	Cl	Cf	D:1	O I :
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	LIIII	<u>On-Line</u>
✓		6.0		Aspects of Ozone and UV Disinfection			✓			Ш
V		7.0		Basic Instrumentation and Process Contro	[✓			Ш
	ш						✓			Ш
	✓	6.0		Heartsaver First Aid with CPR and AED			✓			

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		artmen	t of Agricu		phone:				
, Dove				Web	osite:				
	PPROVE Indirect		DENIED	Course Name	Course #	Class	Conference	<u>Film</u>	On-Line
✓		12		Commercial Nutrient Handler		✓			
✓		12		Nutrient Consultant					
✓		6		Nutrient Generator		✓			
✓		9		Private Nutrient Handler		✓			
Delaw	are Eme	ergency	Managem	ent Agency (DEMA) Tele	phone: (302) 659	9-3362			
, ,				Web	osite: www.den	na.delav	ware.gov		
	PPROVE Indirect		DENIED		Course #	Class	Conference	Eilm	On Lina
	manect		DENIED	Course Name			Conference	<u>EIIII</u>	OII-LINE
✓		16		Advanced ICS Command & General Staff - Complex Incidents (See DRWA)	ICS 400	✓		Ш	
✓		16		Basic Incident Command System (See DWRA)	ICS 200	✓			
✓		16		Disaster Management Wastewater Utilities		✓			
	✓	7.0		Hurrevac Basic		✓			
✓		16		Hurricane Readiness	G-363	✓			
✓		20		Intermediate Incident Command System (See DRWA)	ICS 300	✓			
✓		3		Introduction to the Incident Command System (ICS) (see DRWA)		✓			
✓		3		National Incident Management System (NIMS))	✓			
			✓	Public Works: Planning For & Responding To A Terrorism/WMD Incident					
Delaw	are Ons	ite Was	tewater Re	ecycling Assoc (DOWRA) Tele	phone:				
			DE 19903		osite: www.dov	vra.org			
	PPROVE		DEMIED		G "	CI.	C C	Б.1	0.1:
	Indirect		<u>DENIED</u>	Course Name	Course #	Class		Film	On-Line
✓		TBD		DOWRA Conference (hours earned based on attendance)			~		
Delaw	are Rur	al Wate	r Associat	ion (DRWA) Tele	phone: (302) 424	1-3792			
210 V	ickers Dr	rive, Mil	ford, DE 1		osite: www.drw				
<u>A</u> Direct	PPROVE Indirect		DENIED	Course Name	Course #	Class	Conference	<u>Film</u>	On-Line
✓		7		21st Century Hypochlorite/Dechlorination		✓			
✓		7.0		21st Century Membrane Technology in the Water and Wastewater Process		✓			
✓		7.0		21st Century Principles of Water/Wastewater Hypochlorite Disinfection and De-chlorination		✓			
✓		1.0		ABC's of Variable Frequency Drives (VFD)			✓		
	✓	1		Accessing USDA Rural Development Funding		✓			
✓		0.5		Activated Sludge & Lagoons				✓	
✓		16		Advanced ICS Command & General Staff - Complex Incidents	ICS 400	✓			

Some courses may no longer be available, contact course sponsor for availability.

For more information regarding the Wastewater Operator Licensing Program or to view a current copy of this report, visit us at: http://www.dnrec.delaware.gov/wr/Information/SWDInfo/Documents/Approved_Courses.pdf

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Delaw	are Rui	ral Wate	r Associati	ion (DRWA)	Геlephone	: (302) 424	-3792			
210 V	210 Vickers Drive, Milford, DE 19963 APPROVED				Website:	www.drw	a.org			
						~ "	a.	~ 4		
	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	
✓		10 - 12		Advanced Math						✓
✓		1		Advanced Methods for Locating Leaks on Force Sewer and Water Transmission Main	S		✓			
✓		2.0		Advanced Trenchless Rehabilitation Technologies				✓		
	✓	2.0		Advancements in Trenchless Infrastructure Rehabilitation Technologies			✓			
✓		2.0		Advancements in Trenchless Infrastructure Rehabilitation Technologies			✓			
✓		4.0		Aeration Blowers: Operation, Maintenance Troubleshooting	and		✓			
	✓	1		ANSI/NSF Standards and Everyone's Probl Concerning Dezincification of Brass Valves				✓		
	✓	5.0		Applied Confied Space Safety						✓
✓		3		Approved Sampler Tester (AST)			✓			
✓		2		Approved Sampler Tester (AST) Refresher			✓			
	✓	8.0	П	Arc Flash, NFPA 70E & Electrical Safe Wo			✓			П
	_		_	Practices Awareness				_		_
	✓	1.0		Are You Cyber Aware?						✓
✓		6		Asset Management			✓			
✓		4		Asset Management			✓			
	✓	3		Avoiding the Ouch!!! Safety Enlightenment			✓			
✓		40		Backflow Prevention Assembly Tester Cou			✓			
			✓	Basic Board and Council Training						
✓		4		Basic Cross-Connection Control Workshop			<u></u>			
			✓	Basic Defensive Driving Training for Your Employees						
✓		6.0		Basic Electrical, Instrumentation, Controls SCADA for Operators	and		✓			
✓		6.0		Basic Electrical, Instrumentation, Controls SCADA for Operators	and					
✓		8.0	✓	Basic Environmental Chemistry						✓
✓		16		Basic Incident Command System		ICS 200	✓			
✓		6.25		Basic Overview for Chemical Addition And Control	1		✓			
✓		2		Basic Principles of SCADA			✓			
✓		1.5		Basic Principles of SCADA and Telemetry			✓			
✓		8.0		Basic Wastewater						✓
✓		4		Basic Wastewater Laboratory Course			✓			
✓		4.0		Basic Wastewater Plant Operations			✓			

Some courses may no longer be available, contact course sponsor for availability.

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				· ·	-	(302) 424				
210 Vi	ickers Dr	ive, Mi	lford, DE 1	9963	Website:	www.drwa	a.org			
	PPROVE Indirect		DENIED	Course Name	(Course #	Class	Conference	Film	On-Line
•		4.0		Basics of Infrastructure Access for Wastew. Operators	_		✓			
✓		4		Beneficial Reuse of Treated Wastewater an Stormwater in Delaware	d		✓			
✓		0.5		Beyond the Miraculous Toilet					V	
✓		1		Biological Process				✓		
✓		1.0		Riological Process of Wastewater				✓		
✓		2		Biomag Process			✓			
	✓	2		Bloodborne Pathogens			✓			
	✓	4		Budgeting: Annual Operating Budgets from Scratch			✓			
✓		4		By-Pass Pumping			✓			
✓		1		Cable and Pipe Location - Basic Theory of Operation				✓		
	✓	6		Capital Improvements Planning			✓			
	✓	4		Capital Improvements Planning			✓			
✓		1.5		Case Study: Laurel WWTF - Enhanced Nutrient Removal			✓			
✓		6.0		Centrifugal Pump 101 Course			✓			
✓		1.0		Chemical Control of Hydrogen Sulfide in the Wastewater Collection Systems and Treatmer Facilities				✓		
✓		6		Chemical Feed			✓			
•		5.0		Chemical Feed Systems and Pump Calibrate for Water & Wastewater Treatment Plant Operations	ions					✓
✓		1.0		Chemical Storage Tank Technologies				✓		
✓		10.5		Chlorinator Systems and Chemical Handlin	g					✓
	✓	2		Chlorine Safety For Water & Wastewater Operators			✓			
	✓	1		Choosing the Right Tool for a Safer Workp	lace		✓			
✓		1		Civilian Conservation Corp: Legacy to our Water/Wastewater Infrastructure			✓			
			✓	Clerk's Training: The Basics						✓
✓		1.5		Common Chemicals Used in Water and Wastewater Treatment				✓		
✓		6.0		Common Water and Wastewater Chemicals From Properties to Storage Feed	:					
			✓	Completing the Delaware River Basin Water Audit	er			✓		
	✓	6.0		Confined Space Awareness/SCBA Review			✓			

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Rur	al Wate	er Associat			: (302) 424	-3792			
210 Vi	ickers Di	rive, Mil	lford, DE 1	19963 We	ebsite:	www.drw	a.org			
	PPROVE		DENHED			G	CI	C C	E1	0.1.
Direct	Indirect		<u>DENIED</u>	<u>Course Name</u>		Course #	Class		Film	On-Line
✓		0.5		Contingency Planning for Temporary Power During Events			✓		Ш	
✓		4		Control Valve Seminar			✓			
✓		1.5		Conversion of On-Site Fixed-Film WWTP to MBR Process			✓			
✓		3.5		Conversion of On-Site Fixed-Film WWTP to MBR Process - Extended, DRWA			✓			
			✓	Corrosion Control Treatment Optimization						
✓		1		Counting Every Drop: Finding & Understanding Water Loss and Wastewater Infiltration			✓			
✓		6		Cross Connection Contamination Prevention & Backflow Prevention for Utility Personnel	&		✓			
✓		4		Cross Connection Control Awareness Seminar	r		✓			
✓		2		Cross Connection Control, Limiting Liability, Risk and Exposure			✓			
✓		7.5		Cross Connection Control: Ordinance & Program Development			✓			
✓		3		Cross Connection Control: A Best Practices Guide			✓			
✓		4		Cross Control Connection Hazzard Assessmen			✓			
✓		4		Cross Control Connection The Good, The Bac The Ugly	d,		✓			
	✓	1.0		Cross-Connection Control Program Implementation				✓		
✓		2		Crowcon Gas Monitoring Devices & Odor Control Methods			✓			
✓		6		CUPPSS Software Training			✓			
✓		4		CUPSS Software Training			✓			
	✓	1.5		Damage Prevention						
✓		2.0		Data Liability Insurance			✓			
✓		2.0		Decentralized Membrane Bio-Reactor Technolgy Innovations for Enhanced Nutrient Removal and Water Re-Use	t		✓			
✓		1.5		Dechlorination				✓		
✓		6		Delaware Water/Wastewater Agency Respons Network (DEWARN) - Seminar and Tabletop Exercise				✓		
~		1.5		Delaware Water/Wastewater Agency Respons Network (DEWARN) - What is it and how does it work	se			✓		
	✓	4		Developing a Water Conservation Plan			✓			

Some courses may no longer be available, contact course sponsor for availability.

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				ion (DRWA)	-	e: (302) 424				
			ford, DE 1	.9963	Website:	www.drw	a.org			
	PPROV Indirec	<u>ED</u> t Hours	DENIED	Caura Nama		Course #	Class	Conference	Film	On-Line
<u>⊅⊪ect</u>		2 or 16		Course Name Disaster Management for Wastewater and		Course II	<u>€1435</u>			
				Water Facilities (available 2 hour or 16 ho courses)						
	✓	0.5		Disaster Preparedness "Response & Recov	ery"				✓	
✓		0.5		Disinfection					✓	
✓		8.0		Dissolved Air Flotation						✓
✓		4		Distribution of Pipe Repair and Fittings: Pressure Taps			✓			
✓		4		DMR-QA from A-Z			✓			
✓		6.0		Do You Know Your NPDES Permit			✓			
✓		5		Employing SCADA - Your 24/7 Operator			✓			
✓		4.0		Energy and Nutrient Removal Process						✓
				Optimization Strategies for Wastewater						
	✓	4	Ш				✓			
	✓	4	ш	Evaluating Financial Capacity			✓	<u>_</u>		Ш
	✓	1.0		Eye and Face Protection						✓
✓		4.0		Fats, Oil, Grease (FOG) Control,			✓	✓		
				Bioaugmentation, Shock Recovery and Al Control	_					
	✓	4		Flagger Certification			✓			
✓		6.5		Flood Resilience: Training for Water and Wastewater Utilities			✓			
✓		4		Flow Meter Testing			✓			
✓		3		Fluid Handling for Wastewater Treatment Plants			✓			
			✓	Fluoridation Endorsement						
✓		4		FOG, Odor, Corrosion and the Collection System			✓			
✓		1.5		From the Tap to the Toilet			✓			
✓		4		Fundamentals of Backflow Prevention Assemblies and Devices			✓			
✓		6		Fundamentals of Implementing Asset Management			✓			
	✓	2		Generator Sizing and Backhoe Operation a Safety			✓			
	✓	6		Geosynthetic BMPs for Stormwater Management			✓			
✓		1		GIS Mapping on a Budget			✓			
✓		4		GPS for Water & Wastewater			✓			
✓		6		Hands-on Asset Management for Small Sy	stems		✓			
	✓	6.0		Hazard Communication						✓

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Rur	al Wate	er Associat	ion (DRWA)		e: (302) 424	1-3792			
210 Vi	ckers Di	rive, Mil	lford, DE 1	9963	Website:	www.drw	a.org			
	PPROVE		DENHED			G "	CI.	G 6	5 11	0.1.
<u>Direct</u>			<u>DENIED</u>	<u>Course Name</u>		Course #	Class	Conference	<u>Film</u>	On-Line
	✓	2		Hearing Conservation			✓			
✓		1.5		Homeland Security (DRWA conference cl	ass)			✓		
✓		2.0		How To Prepare For Your Next On-Site Facility Inspection			✓			
✓		1.5		How to Save Your System from a Catastro Event (DRWA conference class)	•			✓		
	✓	3.0		Hunting for Ruck\$				✓		
✓		0.5		Identification of Filaments in the Activated Sludge Process					✓	
✓		6.0		Inflow & Infiltration: Detection, Correction Prevention	on &		✓			
✓		4.0		Inflow and Infiltration: Evolving Technologier Evaluating The Condition of Pipelines Other Undergroud Infrastucture	and		✓			
	✓	1.5		Infractructure Damage Prevention			✓			
✓		4		Innovative BNR Process			✓			
✓		0.5		In-Plant Process Monitoring & the Annual Audit Document	Self				✓	
✓		20		Intermediate Incident Command System		ICS 300	✓			
✓		3		Introduction to Building an Asset Manager Plaqn	ment					
✓		8		Introduction to Cross Connection Control Backflow Prevention	and		✓			
	✓	3.0		Introduction to GIS Mapping for Small Ut Systems	-		✓			
✓		3		Introduction to the Incident Command Sys (ICS)			✓			
✓		4		Lab Workshop for Wastewater and Water			✓			
✓		2		Laboratory Seminar for Wastewater and W	ater		✓			
	✓	1		Ladder Safety			✓			
✓		6		Lagoons - Managing the Water Front/Nutr Overdose - Protect the Receiving Stream/I Process of Elimination - Troubleshooting Activated Sludge			✓	•		
			✓	Lead & Copper/Sampling for Bacti				✓		
✓		1.5		Leak Detection: Buy the Right Equipment	for		✓			
	✓	3		Line Locating & Leak Detection			✓			
	✓	6.0		Locating and Leak Detecting			✓			
✓		3.5		Locating and Leak Detection - Find It, Fix Forget About It	It,		✓			
	✓	2.0		Low Pressure Sewer Systems and Grinder Pumps O & M				✓		

Some courses may no longer be available, contact course sponsor for availability.

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				ion (DRWA)	Telephone					
210 Vi	ickers Dr	rive, Mil	lford, DE 1	.9963	Website:	www.drw	a.org			
A Direct	PPROVE Indirect		DENIED	C N		Course #	Class	Conference	Film	On-Line
	<u>maneet</u>	4		<u>Course Name</u> Machine Guards - Hand & Finger Injury		<u>course</u> #	<u>C1435</u>			
				Prevention						
	✓	4		Maintenance & Repair of Water & Wastev Distribution Systems	vater		✓			
✓		4		Maintenance Workshop for Wastewater Facilities			✓			
	✓	2.0		Making Your Utility Sustainable			✓			
	✓	4		Manhole Covers & Frames			✓			
✓		5 - 6		Math Basics						✓
✓		1.0		Math for Utility Operators				✓		
✓		3		Math Made Easy			✓			
✓		8.0		Math Review						✓
✓		4		Membrane Bioreactor Workshop			✓			
			✓	Membrane Solutions for Regulatory Compliance in Small Communities						
✓		2		Membrane Technology for Water & Wastewater			✓			
✓		8.0		Membrane Treatment of Wastewater						✓
✓		1		Metering 101 Class				✓		
✓		5		Metering Pump Technology			✓			
✓		1.5		Methods of Dechlorination			✓			
✓		0.5		Microlife in the Activated Sludge Process					✓	
✓		4.5		Millsboro Membrane Bioreactor Worksho	p		✓			
	✓	3.0		Miss Utility of Delmarva Damage Prevent Training/Chesapeake Utility Gas Safety Training	ion			✓		
✓		2.0		Modern Pumps						
	✓	6.0		MS Excel Basics for Operators			✓			
✓		4.0		Municipal Tool Kit Workshop - Plan Revi Mapping Tools & Beyond	ew,		✓	✓		
✓		3		National Incident Management System (N	IMS)		✓			
	✓	2		Occupational Respirator (Air Purifying)			✓			
	✓	4		Occupational Respirator (SCBA)			✓			
•		4		Odor & Hazardous Gas Control Technolog in Water, Wastewater Plants and Collectio Systems			✓			
✓		4		Operation & Maintenance of Stenner Pum	ps		✓			
✓		1.5		Operation & Maintenance of Stenner Pum (Condensed)	ps			✓		
•		5.5		Operation, Calibration & Performance Verification of Colorimetric Chlorine & Turbidimetric Process Analyzers			V			

Some courses may no longer be available, contact course sponsor for availability.

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					-	(302) 424				
210 V	ickers Di	rive, Mil	ford, DE 1	.9963 We	ebsite:	www.drwa	a.org			
	PPROVE		DENIED		,	Course #	Class	Conforma	Eilm	On Line
Direct	Indirect	Hours	<u>DENIED</u>	<u>Course Name</u>	7	Course #	Class	Conference	FIIM	On-Line
			V	Operator Handbook						
✓		2		Operators Responsibility Dealing with Asset Management			•			
	✓	2		OSHA: Rules & Jurisdiction			✓			
•		1.0		Oxidation Ditch Wastewater Treatment Operations and Troubleshooting to Control Process				✓		
	✓	16.0		Permit Required Confined Space Class						
	✓	16		Permit Required Confined Spaces			✓			
✓		3.5		Phased Assessment Strategy for Sewers				✓		
✓		1.0		Phased Assessment Strategy for Sewers				✓		
✓		3.5		Pipe and Cable and Magnetic Locator Training	ıg		✓			
✓		2		Pipe Locating and Leak Detection			✓			
	✓	3.0		Plan Interpretation and Construction Technique			✓			
	✓	3.5		Plastic Pipes and Fusion Technology			✓			
✓		6.0		Polymers and Feed Equipment for Water and Wastewater Treatment			✓			
	✓	8.0		Pond Liner Attributes in Wastewater Process Control			✓			
✓		6.5		Practical Methods for Testing Water I			✓			
✓		6.5		Practical Methods for Testing Water II			✓			
			✓	Practical Personnel Management (Water Boar Bible)	rd					
✓	П	4	П	Predictive Maintenance Seminar			✓	П		
✓		6.0		Predictive Maintenance Tools - Part II, Vibration Signature Analysis, Alignment and Balancing			✓	<u>√</u>		
✓		6.0		Predictive Maintenance Tools: Motor Testing and Vibration Signature Analysis	g		✓			
✓		1.0		Preparing for Compliance Inspection						
✓		1.5		Preparing for the Storm: Are you Ready?			✓			
	✓	1.5		Pressure Filtration & Absorption			✓			
✓		8.0		Primary Sludge Fermentation						✓
	✓	1.5		Principals of Valve Insertions, Line Stopping Wet Tapping with Field Demo	&		✓			
✓		4		Process Control - It Is All About the Data			✓			
✓		2.0		Process Control Applications Used in Water of Wastewater Treatment Facilities	&			✓		
✓		2.0		Processing Toolbox	Со	ourse Pack 1028				✓
✓		1.0		Proper Screening Methods and How It Affect Process Control in W/WW Utilities	S			✓		

Some courses may no longer be available, contact course sponsor for availability.

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				ion (DRWA)		: (302) 424	-3792			
210 V	ickers Di	rive, Mil	ford, DE 1	9963	Website:	www.drw	a.org			
	PPROVE		DEMIED			C	CI	C C	E.1	0.1.
Direct	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	FIIM	On-Line
✓		4.0		Proper Screening Technology at Surface V and Wastewater Facilities and How It Effe			✓			
				Process Control						
✓		10.75		Pump and Motor Maintenance						✓
✓		7		Pump Maintenance and Troubleshooting			✓			
✓		4		Pump Rebuild & Maintenance Workshop			✓			
	✓	2		Pump Station Audits & The Funding Avai	lable		✓			
✓		0.5		Racks, Screens, Comminutors & Grit Rem					✓	
	✓	6		Rate Setting and Cost Recovery			✓			
	✓	4.0		Rate Setting and Cost Recovery			✓			
	✓	1		Remember Charlie					✓	
	✓	4		Requests for Proposals - Writing, Evaluati			✓			
				and Awarding Bigs for Professional Service	ces					
✓		1.0		Retrofitting Conventional Activated Sludg	e			✓		
		2.5		with Membrane Bioreactors						
	✓	3.5		Safe Chemical Handling in Water and Wastewater Treatment Facilities			✓			
✓	✓	2	П	Scada & Telemetry, Personal Gas Monitor	ing			П		
			_	& Protection, Odor Control Solutions & C			_			
				Security						
	✓	3.0		SCADA Mission Class			✓			
✓		1.0		SCADA Software in the Water & Wastew	ater					
				Industry Process						
✓		4		Screening in Wastewater Treatment & SB Technology	K		✓			
✓		0.5		Sedimentation & Floatation			П	П	✓	П
✓		1.0		Sewer Liine Rapid Assessment Tool (SL-I			····	✓		
✓	<u></u>	1.0		Sewer Line Rapid Assessment Tool (SL-R			····			
✓		6.5		Simplified Methods for Nutrient Testing						
✓		7	-	Simplified Wastewater Analysis			<u>✓</u>			
✓	П	1.5		Sizing the Pump for the Right Application			<u>✓</u>			
<u> </u>		1		Sludge Dewatering and Drying Systems			✓			
		1.5		Small Meter Tester Training				✓		
✓		6.0		Smith and Loveless Pump School			✓	✓		
	✓	2		Storage Tank O&M and Painting Storage	Tanks		✓			
✓		7		Submersible Motor Training Seminar			✓			
✓		8.0		Surface Water Treatment						✓
✓		40		Surveyor Course			✓			
✓		4.0		Sustainability Starts With Screening			✓	✓		
	✓	6		Sustainable Management Workshop for Si	nall		✓			
				and Rural Systems						

Some courses may no longer be available, contact course sponsor for availability.

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				· · · · · · · · · · · · · · · · · · ·	-	: (302) 424				
210 Vi	ickers D	rive, Mil	lford, DE 1	19963	Website:	www.drwa	a.org			
	PPROVE Indirect		DENIED	Course Name	(Course #	Class	Conference	Film	On-Line
	✓	4.0		Sustainable Mangement Workshop for Sm			✓			
✓		1		System Inventory			✓			
✓		6		The 3 Best Kept Secrets in the Wastewater Process	•		✓			
✓		6.0		The Phenomena of Surge			✓			
✓		7		The Phenomena of Surge in Pipelines			✓			
✓		0.5		The Proper Care and Feeding of Your Generators			✓			
✓		1.0		The Role of Polymers and Additives in the Water and Wastewater Treatment Process				✓		
✓		2 or 5		The Science of UV Disinfection (available hour or 5 hour courses)	2		✓			
✓		0.5		The Treatment Plant Operator (Wastewate	r)				✓	
✓		1.0		Things To Look For During Waste Water Pump/Lift station Startups				✓		
✓		7		Tips & Tools for Better Water/Wastewater Process Monitoring	·		✓			
✓				Tools for Data Gathering and Mapping Uti Assets Case Study of Frederica and Felton Water System Using GIS for Asset Management				✓		
✓		1		Tools to Enchance Water/Wastewater Utili Security, Resiliency and Sustainability	ity		✓			
✓		0.5		Total Suspended Solids					✓	
	✓	2		Trenching and Shoring - A Reminder of Sa Operations						
✓		0.5		Trickling Filters & RBCs					✓	
✓		TBD		Troubleshooting & Rebuilding Chemical F Pumps	Reed		✓			
✓		1		Types and Application of Water and Wastewater Storage Tanks				•		
✓		7.0		Ultraviolet - Common Sense Disinfection Technology for the 21st Century			✓	✓		
✓		7.0		Ultraviolet - Common Sensen Disinfection Technology			✓	✓		
✓		3		Ultraviolet Disinfection & UV Oxindation Wastewater & Drinking Water	for		✓			
✓		2		Understanding Polymer and Polymer Makedown Systems			✓			
			~	Understanding the Stage 2 Disinfection By Product Rule For Small & Medium System and Non-Transient, Non-Community System	ıs					✓

Some courses may no longer be available, contact course sponsor for availability.

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				ion (DRWA)		e: (302) 424				
210 Vi	ickers Dr	ive, Mi	lford, DE 1	.9963	Website:	www.drw	a.org			
A Direct	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		1.5		Understanding Wastewater Pumps (DRWA Conference)	A			•		
✓		3.0		Use of Poly Ureas in Manhole Rehabilitati	ion		✓	✓	П	
✓		1.5		Use of Portable Colorimetric Testing			✓			
				Equipment Equipment						
	✓	1.0		Using Advanced Metering Capabilities to Create The "Intelligent Endpoint"				✓		
✓		2.0		Using Gauges to Troubleshoot Centrifugal Pumps	l		✓			
	✓			Utility Manager Certification Course Over	view					
✓		1.5		Utilizing Camera Technology			✓			
✓		1.5		Utilizing Loans & Matching Funds (DRW Conference)	A			•		
✓		3		UV Disinfection & UV Oxidation for Wastewater and Drinking Water			✓			
	✓	5.0		Valve and Hydrant Maintenance						✓
✓		5.0		Variable Frequency Drives			✓	✓		
✓		2		Variable Frequency Drives			✓			
✓		1.0		VFD Principles and Proper Installation			✓	✓		
	✓	3.0		Violent Intuder Prepardness & Response			✓			
✓		1.5		Wastewater Aeration Technology - Selecti the Right Blower for the Right Application			✓			
✓		8.0		Wastewater Collection						✓
✓		1.0		Wastewater Microbiology & Higher Life Forms for Process Control				✓		
✓	П	7.0	П	Wastewater Microbiology Process Control	 		✓	П		П
✓		1.0		Wastewater Operator Regulation Update Review				✓		
✓		8.0		Wastewater Treatment						✓
✓		0.5		Wastewater Treatment Facilities					✓	
✓		4		Wastewater Treatment Lagoons - Nitrogre Removal	m		✓			
✓		1.5		Wastewater Treatment O&M			✓			
✓		1		Water Quality Sampling Methods and Ana	lysis			✓		
			✓	Water Transmission and Distribution						✓
✓		19		Water University						
✓		8.0		Water Utility Calculations						✓
✓		19		Water Utility Management Certification			✓			
	✓	8.0		Water Utility Safety						✓
✓		6.0		What Is A SCADA System and Making It Work For You In Your Treatment Process			✓			

Some courses may no longer be available, contact course sponsor for availability.

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				` '		e: (302) 424				
			lford, DE 1	19963	Website:	www.drw	a.org			
<u>Direct</u>	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		4		What is Backflow?			✓			
✓		1.5		Where Is the Money Coming From? Findin and Utilizing Funding Programs				✓		
✓		0.5		Why Treat Wastes					✓	
	•	0.5		Work Area Protection: A Control for Safet					✓	
			✓	Workplace Safety & Improving Customer Service and Conservation with Advanced A	MR					
✓		1.0		Xylem Portable Pumping Seminar				✓		
•		1.5		You and Your NPDES Permit			✓			
Delaw	are Tecl	hnical &	& Commun	nity College (DTCC)	Γelephon	e:				
			ry Campuse	•	Website:	www.dtc	c.edu			
	APPROVE Indirect		DENIED	G V		Course #	Class	Conference	Film	On Line
Direct		7		Course Name	E	YI 912 201	Class	Connecence	<u>1711111</u>	OII-LINE
✓		7		21st Century Membrane Technology 21st Century Principles of Water/Wastewate		YI 577 201	✓	·····		
		,		Liquid Chlorination and De-Chlorination	er E				· <u></u>	
✓		7		21st Century Ultra Violet Disinfection			✓			
	✓	12		Access 2003 Module I for Operators			✓			
	✓	12		Access 2003 Module II for Operators			✓			
✓		7		Activated Sludge			✓			
✓		7		Activated Sludge Process Control	Е	YI 222 201	✓			
✓		14		Activated Sludge: Filamentous Organisms Lab	&		✓			
✓		6		Activated Sludge: Setteability Problems an Loss of Solids & Filamentous Organisms	d		✓			
	✓	4		Advanced Excel			✓			
	✓	30		Advanced GIS		EYI 938	✓			
✓		14		Advanced Incident Command Simulator Experience Training			✓			
✓		3		Aggregate Free Alternatives for Onsite Disposal Systems]	EYI NEW 231	✓			
✓		7.0		Agriculture Utilization of Biosolids and Oth Land Treatable Wastes	ner		✓			
✓		6		Alkalinity & Redox: The 21st Century Monitoring Tools for Water & Wastewater Process Control			✓			
	✓	7		Alternative Energy Sources for Water and Wastewater Facilities	Е	YI 592 201	✓			
•		4		Alternative Treatments & Disposal Options Wastewater Facilities	for E	YI 268 231	✓			
		7		Angarabic Digastars	E	VI 247 201				

Some courses may no longer be available, contact course sponsor for availability.

For more information regarding the Wastewater Operator Licensing Program or to view a current copy of this report, visit us at: http://www.dnrec.delaware.gov/wr/Information/SWDInfo/Documents/Approved_Courses.pdf

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				•	Telephone:					
Owens	, Stantor	ı & Teri	y Campuse	28, ,	Website:	www.dtcc	.edu			
A Direct	PPROVE Indirect		DENIED	Course Name	(Course #	Class	Conference	<u>Film</u>	On-Line
✓		8.0		Application of Membrane Technology Onli	ine					✓
✓		4		Applications of Membrane Treatment	E	YI XXX	✓			
✓		6		Asset Management for Wastewater Utilities	3		✓			
✓		4		Asset Management Program Basics			✓			
✓		7		Basic Electricity for Operators	EY	T 205 201	✓			
	✓	8		Basic Electricity Online Training						✓
✓		7		Basic Instrumentation & Process Control			✓			
✓		7.0		Basic Instruments and Controls			✓			
✓		7		Basic Laboratory Processes for Water/Wastewater Sampling	E`	YI NEW 201	✓			
✓		7		Basic Microscopy for Wastewater Operator	rs EY	I 210 201	✓			
✓		8.0		Basic Microscopy for Water Quality Professionals Online Course	I	EYI 831				✓
	✓	7		Basic Onsite Installer Training Class			✓			
✓		56		Basic PA Wastewater Certification Course I	Part		✓			
✓		3		Basic Principles of Onsite Pumping System	ıs E	YI NEW 231	✓			
✓		7		Basic Surveying Principles	E	YI NEW 261	•			
			✓	Basics of Air Compliance			✓			
	✓	4.0		Basics of Air Compliance	I	EYI 290	✓			
	✓	6.0		Basics of Portable Restroom Operation and Management		EY 239				
✓		7		Bearing and Lubrication		T 926 201	✓			
✓		6		Biological Malador Production and Contro Wastewater Treatment Facilities	l in		✓			
✓		7		Biological Nutrient Removal (BNR) Procest Control	ss EY	I 927 201	✓			
✓		7		Biological Nutrient Removal (BNR) to Enhanced Nutrient Removal (ENR)			✓			
✓		7		Biosolids Responsibility			✓			
✓		6		BOD, Metabolism, ORP and Sludge Production & Troubleshooting the SBR			✓			
	✓	4		Budgeting for Small Utilities	EY	T 532 231	✓			
	✓	4		Capital Improvements Planning & Long Te Water & Sewer Capacity	rm		•			
✓		3.5		Care & Feeding of Septic Systems	EY	T 583 231	✓			
✓		7		Chasing the Thermal Demons	EY	T 557 201	✓			
✓		7		Chemical Treatment	E'	YI NEW 201	✓			

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Tecl	hnical &	k Commun		Геlерhone					<u> </u>
Owens	s, Stantor	ı & Terr	y Campuse	8, ,	Website:	www.dtco	e.edu			
<u>A</u> Direct	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
<u>⊅πεετ</u>		4.0		Chamistry Posics for Water/Westewater	,	EYI 283	✓ V			
✓		7		Chlorination Disinfection Science			✓			
✓		7		Chlorination Technology	E	YI 226 201	✓			
✓		8		Chlorination Technology Online Course	E	YI NEW 2B1				✓
✓		7		Chlorine Dioxide Disinfection in Water/Wastewater Process			✓			
	•	3		Class B Designers Onside License Prep Co	urse	EYI 254				✓
	✓	3		Class E System Contractor Onsite License Preparato Course						✓
			✓	Class F Wastehauler's Reporting Made Eas Online Course	y					✓
	✓	3		Class F Wastewaters Onsite License Prep Course		EYI 255				✓
✓		7		Class I Inspector's Preparation Course			✓			
	•	3		Climate Change: Preparing for Sea Level R	ise E	EYI XXX	✓			
✓		7		Collection System Impacts on Treatment Pl Operators	ant		✓			
	✓	7		Collection System Troubleshooting	EY	YI 204 201	✓			
	✓	14		Collection Systems Short Course	E	YI 579 201	✓			
✓		7		Comparing Alternative Disinfection System for Water/Wastewater Operations	ns		✓			
	✓	4		Composting Basics	EY	YI 213 201	✓			
✓		7		Computers for Operators			✓			
✓		9		Computers II for Operators			✓			
	✓	7		Confined Space Entry						
	✓	7		Construction Stormwater Management Cou	rse E	EYI XXX	✓			
✓		7		Creating a Successful Asset Management P	lan E	YI NEW 201	✓			
✓		8		Creating A Successful Asset Management Program Online Course						✓
	✓	4.0		Creating Job Safety Analysis and Standard Operating Procedures			✓			
✓		4		CUPPS Software Training (Checkup Prografor Small Systems)	am		✓			
			✓	Customer Relations for Environmental Technicians	EY	YI 503 201				
	✓	4.0		Cyber Security Considerations for Industria Control Systems Workshop	ıl	EY1279	✓			
✓		7		Daily Plant Operations			✓			
✓		6		Database Management for Operators			✓			

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Tecl	hnical &	& Commun	ity College (DTCC)	elephone					
Owens, Stanton & Terry Campuses, , APPROVED Direct Indirect Hours DENIED Course Name						www.dtcc	.edu			
Direct	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #	<u>Class</u>	<u>Conference</u>	<u>Film</u>	On-Line
			✓	Delawares Hydrogeology and the Rocks and Fossils of the Mid Atlantic	I EY	YI 502 201				
✓		4.0		Design Considerations for Onsite Systems			✓			
✓		7		Design, Operation & Maintenance of Septic Systems (On-Site Systems)			✓			
•		7		Designing Drip Dispersal (Irrigation) Onsite Systems	e EY	7I 911 201	✓			
	✓	4		Developing Job Safety Analysis and Standar Operating Procedures	rd		•			
✓		8.0		Disinfection Alternatives for Water/Wastewater Systems Online Course		EYI 830				✓
✓		14		Disinfection Operations for Water and Wastewater Systems			✓			
✓		7		Do You Know Your NPDES Permit	Е	YI NEW 201	✓			
	✓	3.0		DOT Regs Review for Wastewater Professionals		EYI575	•			
✓		7		Electrical Blueprint Reading for Operators	FY	YI 225 201	✓			
	✓	7		Electrical Safety for Water and Wastewater Professionals			✓			
✓		7		Electrical Troubleshooting for Operators	EY	7I 238 201	✓			
	✓	3		E-Mail Basics for Operators			✓			
✓		7		Energy Audits for Water/Wastewater Facilit	ies		✓			
✓		14		Enhanced Nutriet Removal (ENR) - Process Control			✓			
	✓	8.0		Ensuring A Sustainable Future: An Energy Management Guide for Water/Wastewater Facilities Online						✓
			✓	Environmental Ethics in Engineering Online Course	; E	EYI XXX				✓
	✓	7		Environmental History of Delaware			✓			
✓		48		Environmental Sustainability - Delaware Sustainability Professional	EY	TI 920 2B1	✓			
	✓	4		Evaluating Financial Capacity			✓			
	✓	6		Excavation			✓			
	✓	12		Excel 2003 Module I for Operators			✓			
	✓	12		Excel 2003 Module II for Operators			✓			
	✓	7		Excel Basics for Operators	EY	7I 221 201	✓			
✓		3		Filtration Systems - Municipal, Industrial & Irrigation			✓			
	✓	4		Financial Sustainability for Small Utilities	ΕY	7I 930 231	✓			

Some courses may no longer be available, contact course sponsor for availability.

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				• • •	Celephone					
Owens	s, Stantor	ı & Terr	y Campuse	vs, ,	Vebsite:	www.dtco	e.edu			
A Direct	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
<u>✓</u>		7		<u>Course Name</u> Five Common Sense Practices for Better		YI 591 201	✓			
		,		Water/Wastewater Operations						
			✓	Fundamental Principles of Small Ground W System Operations	ater E	YI NEW 201	✓			
✓		7		Fundamental Process in Wastewater Treatm	ent		✓			
✓		7		Fundamentals of Emergency Power Generat	ion		✓			
✓		7		Fundamentals of Septic Filtration & Septic Tank Effluent Pump Systems (STEP)	E	YI 284 201	✓			
	✓	10		General Industry OSHA 10-hour course			✓			
✓		7		Generators, Engines and Emergency Power	E	YI 928 201	✓			
	✓	48		Geographic Information Systems (GIS) Usin ARC View	ng		✓			
✓		3		Getting the Most out of Your Treatment and Storage Lagoons			✓			
✓		7		Global Positioning Systems		YI 524 201	✓			
✓		7		How to Prevent a Catastrastrophic Event In Your Water or Wastewater System						
	✓	48		Hydraulics & Hydrology	CE	ET 240 251	✓			
	✓	16		Hydraulics Workshop for Operators			✓			
✓		7		Hypochlorite Disinfection	F	YXX IY	✓			
✓		7.0		Industrial Waste (Sludge) Treatment			✓			
✓		8		Innovative & Alternative Onsite Systems	E	YI 576 201	✓			
✓		8		Innovative and Alternative Onsite Systems Online Course						✓
✓		7		Inspection of Onsite Wastewater Systems	E	YI 533 201	✓			
✓		48		Instrumentation & Pumping			✓			
	✓	4.0		Integrating Water Resources in Resource Ba Environmental Design	ased		✓			
	✓	7		Intermediate Excel for Operators	E	YI 918 201	✓			
✓		7.0		Intermediate Surveying		EYI	✓			
	✓	7		Intro to Environmental Regulations	En	XXX vironmenta	✓			
					1	Bootcamp				
	✓	7		Intro to Mapping and GIS for Water and Wastewater Professionals			✓			
	✓	9		Introduction to Computers I for Operators			✓			
	✓	9		Introduction to Computers II for Operators			✓			
✓		2		Introduction to Delawares Industrial Stormwater Regulations: What You Need T Know		YI 931 231	✓			
V		48		Introduction to Environmental Science & Technology	EN	IV 190 251	✓			

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Tecl	hnical &	c Commun		Γelephone					
Owens	, Stantor	ı & Terr	y Campuse	rs, ,	Website:	www.dtco	c.edu			
A Direct	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
	✓	64		Introduction to GIS	E	YI 936 2B1	✓			
✓		7.0		Introduction to Industrial Pretreatment Prog	ram	EYIXXX		П		П
	✓	7		Introduction to Mapping and GIS for Water and Wastewater Professionals		YI 553 201	✓			
✓		7		Introduction to SCADA	E	YI 561 201	✓			
✓		3.5		Introduction to Stormwater Best Managemer Practices		YI 904 231	✓			
✓		7		Introduction to Variable Frequency Drives (VFD)		YI 573 201	✓			
	✓	7		Job Hazard Analysis			✓			
	✓	8		Job Hazard Analysis Online Course		EYI201				✓
✓		7		Lagoon Treatment and Spray Irrigation of Treated Wastewater: An Operators Guide	F	EYI NEW 201	✓			
✓		7		Lift Stations	E	YI 234 201	✓			
✓		4		Maintenance of Spray Irrigation Systems						
✓		48		Management of Water/Wastewater Facilities	s El	NV 292 251	✓			
✓		7		Management Systems Approach to Improve Water & Wastewater Facility Operations	; E	YI 596 201	✓			
✓		7		Managing Energy of Water & Wastewater Facilities]	EYI XXX	✓			
✓		6		Managing Fatty Waste in Collection Systen and Lift Stations	ns E	YI 597 201	✓			
	✓	7		Managing Hazardous & Universal Wastes			✓			
✓		4		Managing Side Stream Discharges	E	YI 505 231	✓			
•		7		Math Review for the Maryland and Virginia Wastewater Exam and Advanced Math for Delaware Operators	1		✓			
✓		7		Math Review for the Maryland and Virginia Water Exam and Advanced Math for Delaw Operators			✓			
✓		6		Math Review for Water and Wastewater Operators	Е	YI 929 231	✓			
✓		7		Membrane Technology & Application for Selective Polluntant Removal	E	YI 934 201	✓			
			✓	Membranes and Fluoridation Technologies						
✓		30		Modern PLC System		EYI 253	✓			
✓		31		NESHTA Certified Environmental Trainer Workshop			✓			
	✓	7		NFPA 70E 2009 Standard for Electrical Sa in the Workplace	fety		✓			
	✓	7		NFPA 70E 2012 Standard for Electrical Sa in the Workplace (update)	fety		✓			

Some courses may no longer be available, contact course sponsor for availability.

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				• • •	Celephone					
Owens	s, Stantor	n & Terr	y Campuse	s, , V	Vebsite:	www.dtcc	.edu			
	PPROVE		DEMIED			C	CI	О. С	E1.	0.1.
Direct	Indirect		DENIED	<u>Course Name</u>		Course #	Class	Conference	Film	On-Line
	✓	7		NFPA 70E 2015 Standard for Electrical Sat in the Workplace (update)	ety		✓			
	✓	35		NICET Water and Sewer Certification Cour	se E	YI 585 201	✓			
✓		7.0		Nitrification in Water/Wastewater Processes	S		✓			
✓		7.0		NPDES Compliance Training (MS4 and Industrial)			✓			
✓		7		Nutrient Management for Operators			✓			
•		3		O&M of the American Mfg DRIP Irrigation System			✓			
✓		3		O&M of the Bio-Microbics FAST Treatment Unit	nt		✓			
✓		3		O&M of the Puraflo Peat Filter			✓			
✓		7		Onsite 101	E	YI 547 201	✓			
✓		7		Onsite Control Systems	E	YI 567 201	✓			
✓		7		Onsite Disposal System Hydraulics		YI 549 201	✓			
✓		21		Onsite License Preparation Course	E	YI 285 231	✓			
✓		4		On-Site Regulation Review Course		EYI 969	✓			
✓		4		On-Site Regulations Revision Review - Onl Course	ine		✓			
✓		12		Onsite Treatment Industry Training Program	n		✓			
✓		3		Onsite Wastewater Treatment & Disposal Systems		YI 540 231	✓			
✓		7		Operation & Maintenance of Innovative and Alternative Systems	i E	YI 910 201	✓			
•		14		Operation & Maintenance of Onsite Septic Systems for Service Providers Workshop	Е	YI NEW 201	✓			
	✓	7		Operation & Maintenance of Solar Energy Systems for Operators	E	YI 242 201	✓			
✓		7		ORP: A Simplified Wastewater Process	E	YI 523 201	✓			
	✓	30		OSHA 30 Hour General Industry Outreach			✓			
	✓	4		OSHA Hazard Communication			✓			
	✓	8		OSHA Injury and Illness Record Keeping			✓			
✓		30		PA Activated Sludge Certification Review			✓			
✓		15		PA Wastewater Ponds & Lagoons Certificat Review	tion		✓			
•		24		Pipeline/Manhole/Lateral Assessment Certification Program	E	YI 570 201	✓			
	✓	4		Planning for System Sustainability	EY	YI New 231	✓			
✓		7		Plant Optimization	Е	EYI NEW 201	✓			
✓		7.0		PLC Overview for Water Quality Profession	nals		✓			

Some courses may no longer be available, contact course sponsor for availability.

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Delaw	are Tecl	hnical &	c Commun		Telephone:					
Owens	, Stantor	ı & Terr	y Campuse	vs, ,	Website:	www.dtcc	.edu			
A Direct	PPROVE Indirect		DENIED	Course Name	(Course #	Class	Conference	Film	On-Line
✓		24		Portable PLC Troubleshooting	-		✓			
✓		48		Process Control	EN	V 256 251	✓			
	✓	95		Process Control Systems						✓
✓		7.0		Process Management Through Chemical						
·		7.0		Resource Conservation						
✓		36		Programmable Logic Controllers		V 216 231	✓			
	✓	80		Programmable Logic Controllers						✓
	✓	30		Project Management (30 hour course)	I	EYI 937	✓			
	✓	4		Project Management (4 hour course)			✓			
	✓	7.0		Project Management Basics	I	ZVI 272	✓			
	✓	7		Project Management Basics						
	✓	48		Day in the Manager of Control		T 027 2D1	✓			
	✓	6		Public Works Inspection & Testing			✓			
			✓	Pump Fundamentals for Well Drillers	Е	YI XXX	✓			
✓		7		Pump Hydraulics		T 538 201	✓			
✓		4		Pumping of Advanced Treatment Systems	Е	YI XXX	✓			
✓		4		Pumping Techniques for Standard Septic			✓			
				Tanks, Dosing Chambers & Advanced Treatment Systems						
✓		7		Pumps: Installation, Maintenance & Repair		T 209 201	✓			
✓		6		Pumps: Motors & Controls	EY	T 223 201	✓			
✓		8		Pumps: Motors & Controls Online Course	E	YI NEW				✓
						2B1				
✓		3.0		Record Keeping Using Databases for Opera		EYI 282	✓			
✓		4		Replacement of Onsite Systems		T 548 201	✓			
✓		4		Risers, Baffles and Filters - Installation & Repair	EY	TI 508 231	✓			
	✓	10		Saving Energy at Your Facility (see Americ	an		✓			
		7		Trainco)						
✓		7		Security for Small Water & Wastewater Systems			✓			
✓		7		Self Priming Centrifugal Pumps			✓			
✓		6		Septage and Toxicity & Troubleshooting th	e		✓			
				Activated Sludge Process with a Microscop						
✓		7.0		Sludge Digestion: Aerobic & Anaerobic		EYI	✓			
	✓	7		Soils		TI 294 201	✓			
✓		4		Soils-Based Approach to Siting Wastewater Disposal	EY	TI 574 201	✓			
✓		7		Solids Handling	E,	YI NEW 201	✓			
✓		7		SPCC and Industrial Stormwater Management	ent XX	XX SPCC	✓			

Some courses may no longer be available, contact course sponsor for availability.

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				• 0 \	Telephone	:				
Owens	s, Stanton	& Terr	y Campuse	·S, ,	Website:	www.dtcc	e.edu			
	PPROVE Indirect		DENIED	G N		Course #	Class	Conference	Film	On-Line
				Course Name					<u></u>	<u>OII-LIIIC</u>
✓		7		Submersible Pumps	E:	YI 545 201	✓			
	✓	8		Supervisor Safety Workshop			✓			Ш
			✓	Surface Water Endorsement Course	E.	YI 550 531				Ш
	✓	7					✓		Ш	Ш
	✓	8		Surface Water Treatment Online Course	EY	YI 550 2B1				✓
✓		4		Sustainable Asset Management	EY	/I New 231	✓			
✓		7		Sustainable Energy Sources for Facilities	E	EYI NEW 201	•			
	✓	4.0		Technical Report Writing for Operators & Other Personnel in Water/Wastewater Indu	ietru		✓			
✓		8.0		Ten Best Kept Water/Wastewater Secrets	.	EYI 830		Π		✓
		0.0		Online Course						•
✓		7		Ten Little Known Water Wastewater Oper Secrets	ators		✓			
✓		7		Test Methods for Water/Wastewater Opera	ations		✓			
✓		4		The FAQ's of Class H Inspections			✓			
✓		7		The Microlife			✓			
✓		7		The State Wastewater Exam "Hurricane" Review Level I			✓			
✓		7		The State Wastewater Exam "Hurricane" Review Level II, III & IV			✓			
✓		7		Thermal Controls in Water/Wastewater Pro	ocess		✓			
	✓	55		Thermal Process Control						✓
✓		7		Three-Phase A/C Power Workshop	E	YI 543 201	✓			
	✓	7		Time and Project Management		YI 512 201	✓			
✓		7		Tips and Tools for 21st Century Water/Wastewater Process Monitoring			✓			
V		8		Tracking Water Movement through Dopple and Transit Flow Meter Online Course	er					✓
✓		3		Tracking Water Movement Through Dopp and Transit Time Flow Meters	ler E	YI 216 231	✓			
	✓	7		Train the Trainer for Safety Personnel	E	YI 287 201	✓			
	✓	7		Train the Trainer/Hazcom/Personal Protect Equipment	tive		✓			
	✓	7		Trenching / Shoring Safety						
✓		7.5		Troubleshooting Pumps		YI 230 201	✓			
✓		7.0		True Confessions of a Water/Wastewater	E	YI 558 201	✓			
•		6		Understanding and Completing Delawares BARRS Annual Report		YI 902 201	✓			
	✓	8.0		US DOT Hazmat General Awareness		EYI 291	✓			

Some courses may no longer be available, contact course sponsor for availability.

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				• • •	elephone'					
Owens	, Stanton	ı & Terr	y Campuse	vs, , V	Vebsite:	www.dtco	c.edu			
	PPROVE Indirect		DENIED	Course News		Course #	Class	Conference	Film	On-Line
	<u>✓</u>	7.0		<u>Course Name</u> Using Mobile GIS to Optimize Data Collect	·	Course n	<u>✓</u>			
	✓					/I 531 231	✓			· <u></u>
		4 7		Vacuum Truck Basics		/I 245 201	✓			
V	=			Valves	E 1	11 243 201				
V		8		Valves Online Training Center						✓
V		7		Verifying the Water, Wastewater Process			✓			
V		7		Wastewater Microbiology & Microscopy			✓			<u></u>
✓		48		Wastewater Operator Certification Review, Level I		EYI 200 2B1/531	✓		Ш	
✓		48		Wastewater Operator Certification Review, Level II & III		EYI 201 231/531	✓			
✓		42		Wastewater Operator Certification Review, Level IV	EY	YI 235 231	✓			
✓		3.0		Wastewater Operator Regulation Update Review			✓			
✓		48		Wastewater Systems & Solids Handling			✓			
✓		64		Water / Wastewater Process Design			✓			
			✓	Water Sources	EN	IV 264 251				
			✓	Water Treatment	EN	IV 267 251	✓			
			✓	Water Treatment & Chlorine Safety						
✓		7.0		Water/Wastewater Facilities Emergency Preparedness and Disaster Recovery			✓			
✓		14		Water/Wastewater Math 101	EY	/I 202 231	✓			
			✓	Water/Wastewater Operations for Elected/Appointed Public Officials	EY	YI 265 231				
✓		7		Water/Wastewater Sampling Techniques for Environmental Compliance	r EY	YI 916 201	✓			
	✓	4.0		Watershed Management Plans: Analyzing Implementation and Reporting Requirement	S		✓			
	✓	4		Watersheds & Their Impact on the Environr		EYI XXX	✓			
	✓	4		Watersheds & Their Impact on the Environment - Online Course		EYI 800				✓
			✓	Well Construction Techniques	E	EYI XXX	✓			
			✓	Well Grouting Fundamentals	E	EYI XXX	✓			
	✓	12		Word 2003 Module I for Operators			✓			
	✓	12		Word 2003 Module II for Operators			✓			
Digita	l-2000, I	nc.		Т	elephone	: (800) 334	-1523			
12783	Caprico	rn Suite	#100, Staff		Vebsite:	, ,		cysafety.cor	n	
<u>Direct</u>	PPROVE Indirect	<u>لم</u> <u>Hours</u>	<u>DENIED</u>	Course Name	!	Course #	Class	Conference	<u>Film</u>	On-Line
	✓	1		Administrative Module						✓
	✓	1		Chemical Safety Module						✓

Some courses may no longer be available, contact course sponsor for availability.

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	1-2000,				Telephone	e: (800) 334	I-1523			
12783	Caprico	rn Suite	#100, Staff	Ford, TX 77477	Website:	www.pub	licagen	cysafety.cor	n	
	PPROVI		DELHED			G "	CI.	G 6	5 11	0. 1.
Direct		Hours	DENIED	Course Name		Course #	Class		Film	
	✓	1						<u>_</u>		✓
	✓	1		Elevated Work Module					Ш	✓
	✓	1		Field Equipment Module I						✓
	✓	1		Field Equipment Module II						✓
	✓	1		Field Operations Safety Module I						✓
	✓	1		Field Operations Safety Module II						✓
	✓	1		Field Operations Safety Module III						✓
	✓	1.5		First Aid Module						✓
	✓	2		General Safety Module I						✓
	✓	1		General Safety Module II						✓
	✓	1.5		Personal Protective Equipment Module						✓
	✓	1.5		Security and Disaster Preparedness Modu	le					✓
	✓	1		Shop Safety Module						✓
	✓	1		Tool Safety Module						✓
	✓	2		Treatment Plant Safety Module						✓
	✓	1.5		Water/Waste Water Operations Safety Mo						✓
			T7 4		Т.11	(202) 720	0046			
INNER	(Votor		Leiennone		1_44/16			
		sion of V way, Do		9901	Website:	e: (302) 739	9-9946			
89 Kir		way, Do	vater ver, DE 19	9901	-	e: (302) 739	9-9946			
89 Kir	ngs High	way, Do E <u>D</u>		0901 <u>Course Name</u>	-	Course #	9-9946 <u>Class</u>	<u>Conference</u>	<u>Film</u>	On-Line
89 Kir	ngs High <u>APPROVI</u>	way, Do E <u>D</u>	ver, DE 19	<u>Course Name</u> Electronic Discharge Monitoring Report	-			Conference	Film	On-Line
89 Kir <u>A</u> <u>Direct</u>	ngs High APPROVI Indirect	way, Dov ED Hours	ver, DE 19 <u>DENIED</u>	Course Name	-		Class		Film	On-Line
89 Kir A Direct	ngs High APPROVI Indirect	way, Dov ED Hours 2.5	ver, DE 19 DENIED	<u>Course Name</u> Electronic Discharge Monitoring Report	Website:		<u>Class</u>		Film	On-Line
89 Kir	ngs High APPROVI Indirect C C C C C C C C C C C C C C C C C C	way, Dov ED Hours 2.5	ver, DE 19 DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship	Website:	Course # e: (302) 739 www.dnr	Class ✓ 0-9921 ec.dela			
89 Kir Direct DNRF 89 Kir	ngs High APPROVI Indirect C EC, Divi ngs High	way, Dove the second se	DENIED DENIED Vatershed	Course Name Electronic Discharge Monitoring Report Training Stewardship	Website:	Course # e: (302) 739	Class ✓ 0-9921 ec.dela			
89 Kir	APPROVI	way, Dove the ED state of Way, Dove ED	DENIED DENIED Watershed ver, DE 19	Course Name Electronic Discharge Monitoring Report Training Stewardship 901	Website:	Course # e: (302) 739 www.dnr	Class O-9921 ec.delar spx	ware.gov/sw	cc/drai	nage/pa
89 Kir Direct DNRE 89 Kir A Direct	APPROVI CC, Divings High APPROVI Indirect	way, Dove ED and Hours sion of V way, Dove ED Hours	Ver, DE 19 DENIED Vatershed ver, DE 19 DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name	Website: Telephone Website:	Course # e: (302) 739 www.dnr ges/ccr.as	Class O-9921 ec.delarspx Class		cc/drai	nage/pa
89 Kir Direct DNRE 89 Kir Direct	EC, Divings High	way, Dove ED and	Ver, DE 19 DENIED Vatershed ver, DE 19 DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) C	Website: Telephone Website:	Course # e: (302) 739 www.dnr ges/ccr.as	Class O-9921 ec.delar spx Class	ware.gov/sw	c/drai	nage/pa
89 Kir Direct DNRE 89 Kir Direct DNRE Direct	EC, Divi	way, Dove ED Hours 12 D, 6 I Way, Dove ED Hours	Vatershed ver, DE 19 Vatershed ver, DE 19 DENIED Conserva	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) Cation	Website: Telephone Website: ourse	Course # e: (302) 739	Class 0-9921 ec.delar spx Class v	ware.gov/sw Conference	□ c/drai <u>Film</u>	nage/pa
89 Kir Direct DNRF 89 Kir A Direct A Direct A Direct A Direct P NRF 89 Kir	EC, Divings High	way, Dove ED Hours 12 D, 6 I & Water way, Dove ED Way, ED	Ver, DE 19 DENIED Vatershed ver, DE 19 DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) Cation	Website: Telephone Website:	Course # e: (302) 739	Class 0-9921 ec.delar spx Class v	ware.gov/sw	□ c/drai <u>Film</u>	nage/pa
89 Kir Direct DNRF 89 Kir A Direct A Direct A Direct A Direct P NRF 89 Kir	EC, Divings High	way, Dove ED Hours 12 D, 6 I & Water way, Dove ED	Vatershed ver, DE 19 Vatershed ver, DE 19 DENIED Conserva	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) Cation 9901	Website: Telephone Website: ourse	Course # e: (302) 739	Class O-9921 ec.delarspx Class V-9921 c.dnrec.	ware.gov/sw Conference	c/drai Film v	nage/pa On-Line
Direct DNRE 89 Kir Direct DNRE 89 Kir Direct DNRE 89 Kir	EC, Divings High APPROVI Indirect EC, Divings High APPROVI Indirect CC, Soil Ings High APPROVI	way, Dove Hours 2.5 sion of V way, Dove Hours 12 D, 6 I & Water way, Dove Hours Hours	Vatershed ver, DE 19 DENIED DENIED DENIED Cr Conserva	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) Cation 9901 Course Name	Website: Telephone Website: ourse	Course # e: (302) 739	Class 0-9921 ec.delar spx Class v	ware.gov/sw Conference delaware.go Conference	c/drai Film v	nage/pa On-Line
89 Kir Direct DNRF 89 Kir Direct DNRF 89 Kir A Direct DNRF 89 Kir	EC, Divings High APPROVI Indirect EC, Divings High APPROVI Indirect EC, Soil Ings High APPROVI Indirect Indirect Indirect Indirect Indirect	way, Dove Hours 2.5 sion of Way, Dove Hours 12 D, 6 I & Water way, Dove Hours 12 D	Vatershed DENIED DENIED DENIED Conservativer, DE 19 DENIED DENIED DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 1901 Course Name Certified Construction Reviewer (CCR) Contains 2001 Course Name 11/5/2014 Open Mic BOC Meeting	Website: Telephone Website: ourse	Course # e: (302) 739	Class O-9921 ec.delarspx Class V-9921 c.dnrec. Class	ware.gov/sw Conference delaware.go Conference	rc/drai	nage/pa On-Line
Direct DNRE 89 Kir Direct DNRE 89 Kir Direct DNRE 89 Kir	EC, Soil ngs High APPROVI Indirect EC, Divi ngs High APPROVI Indirect EC, Soil ngs High APPROVI Indirect	way, Dove Hours 2.5 sion of V way, Dove Hours 12 D, 6 I & Water way, Dove Hours Hours	Vatershed DENIED DENIED DENIED Conservativer, DE 19 DENIED DENIED DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 9901 Course Name Certified Construction Reviewer (CCR) Cation 9901 Course Name 11/5/2014 Open Mic BOC Meeting Delaware Dam Owners Workshop	Website: Telephone Website: ourse	Course # e: (302) 739	Class O-9921 ec.delarspx Class V-9921 c.dnrec.	ware.gov/sw Conference delaware.go Conference	c/drai	nage/pa On-Line
89 Kir Direct DNRF 89 Kir Direct DNRF 89 Kir A Direct DNRF 89 Kir	EC, Divings High APPROVI Indirect EC, Divings High APPROVI Indirect EC, Soil Ings High APPROVI Indirect Indirect Indirect Indirect Indirect	way, Dove ED Hours 12 D, 6 I Way, Dove ED Hours 2 Hours 4 Water way, Dove ED Hours 4 Hours 6	Vatershed DENIED DENIED DENIED Conservativer, DE 19 DENIED DENIED DENIED	Course Name Electronic Discharge Monitoring Report Training Stewardship 1901 Course Name Certified Construction Reviewer (CCR) Contains 2001 Course Name 11/5/2014 Open Mic BOC Meeting	Website: Telephone Website: ourse	Course # e: (302) 739	Class O-9921 ec.delarspx Class V-9921 c.dnrec. Class	ware.gov/sw Conference delaware.go Conference	rc/drai	nage/pa On-Line

Some courses may no longer be available, contact course sponsor for availability.

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				ntrol Operators Assoc	Telephone:					
		-	ad, Reinhold	ds, PA 175699077	Website:	www.epac	ps.org	5		
	APPROVE Indirect		<u>DENIED</u>	Course Name	<u>C</u>	Course #	Class	Conference	<u>Film</u>	On-Line
✓		10		Activated Sludge Short Course	PA	DEP 2893	✓			
✓		8		Annual Industrial Pretreatment Conference (hours earned based on attendance)	e			✓		
✓		6		Local Limits Development	PA	DEP 5560	✓			
✓	✓			PA Annual Industrial Pretreatment Confer	ence 713	2, 7133 & 7134		✓		
•		6		To Permit or Not to Permit - That is the Question	PA-	DEP 1461	✓			
Easte	rn Shore	Water	and Waste	e Operators Assoc.	Telephone:	(302) 218	-1781			
				l, DE 19956	Website:	www.wwo				
	APPROVE Indirect		DENIED	Course Name	(Course #	Class	Conference	Film	On-Line
<u>✓</u>		3.5		Cross Connection Control, Backflow	2	<u> </u>	✓			
•		3.3		Prevention and Water Safety			•			
✓		3.0		Lab 101 for Water & Wastewater						
			Business Sp ideville, LA	pecialist LLC. 70448	Telephone: Website:	(985) 674 www.ebsł		ard.com		
	APPROVE Indirect		DENIED			Tourso #	Class	Conference	Eilm	On-Line
Direct	mairect	7.0	DENIED	Course Name Wastewater Essentials Course	7	Course #	Class	Conference	<u>LIIII</u>	OII-LINE
		7.0		wastewater Essentials Course				<u> </u>	Ц	
	ep Inc.	oad Ca	mp Hill, PA	V 17011	Telephone: Website:	(717) 761 www.Env		um		
	APPROVE		шр шп, г	1 1/011	website.	www.Liiv	пер.со	⁷ 111		
	Indirect		DENIED	Course Name	(Course #	Class	Conference	Film	On-Line
✓				<u>Course I tunie</u>	_			Controller		
		8		Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation,			✓			
~		8 7		Gorman-Rupp Factory Training - Wastewa	ater	-DEP 600	✓ ✓			
V				Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting	ater PA	-DEP 600 DEP 6079				
				Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting	ater PA PA		✓			
✓		7		Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenand Troubleshooting	PA PA PA	DEP 6079 DEP 2789	✓			
V		7 5 2		Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenand Troubleshooting	PA PA PA	DEP 6079 DEP 2789	y y y			
V V	onmenta	7 5 2 5.5		Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenand Troubleshooting Wastewater Pump Station Design	PA PA PA	DEP 6079 DEP 2789 DEP 2996	✓✓✓✓			
v v v Envir P.O. B	30x 440,	7 5 2 5.5 7 al Labor Quakert		Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenanand Troubleshooting Wastewater Pump Station Design	PA PA PA PA	DEP 6079 DEP 2789 DEP 2996 (267) 377	✓ ✓ ✓ ✓			
Environ P.O. E		7 5 2 5.5 7 Il Labor Quakert	atory Solu	Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenanand Troubleshooting Wastewater Pump Station Design	PA PA PA PA PA Telephone: Website:	DEP 6079 DEP 2789 DEP 2996 (267) 377	✓ ✓ ✓ ✓			On-Line
Environ P.O. E	Box 440, APPROVE	7 5 2 5.5 7 Il Labor Quakert	ratory Solu	Gorman-Rupp Factory Training - Wastewa Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenanand Troubleshooting Wastewater Pump Station Design	PA PA PA PA PA Telephone: Website:	DEP 6079 DEP 2789 DEP 2996 (267) 377 www.envi	✓ ✓ ✓ -5934	olutions.com		On-Line
Environ P.O. B	Box 440, APPROVE	7 5 2 5.5 7 Cl Labor Quakert ED Hours	ratory Solu	Gorman-Rupp Factory Training - Wastewar Pumping Station Design, Operation, Maintenance and Troubleshooting Pump Maintenance and Troubleshooting Pump Station Monitoring Using Gauges to Troubleshoot Centrifugal Pumps Wastewater Blowers Operation, Maintenant and Troubleshooting Wastewater Pump Station Design tions, LLC 8951 Course Name	PA PA PA PA Telephone: Website:	DEP 6079 DEP 2789 DEP 2996 (267) 377 www.envi	✓ ✓ ✓ -5934 rolabse	olutions.com		On-Line

Some courses may no longer be available, contact course sponsor for availability.

For more information regarding the Wastewater Operator Licensing Program or to view a current copy of this report, visit us at: http://www.dnrec.delaware.gov/wr/Information/SWDInfo/Documents/Approved_Courses.pdf

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				itions, LLC		: (267) 377				
		_	own, PA 1	8951	Website:	www.env	irolabs	olutions.com	1	
	PPROVE Indirect		<u>DENIED</u>	Course Name	!	Course #	Class	Conference	<u>Film</u>	On-Line
	✓	3		Introduction to Laboratory Safety	PA	-DEP 5799	✓			
✓		3		Laboratory Documentation	PA	-DEP 2052	✓			
✓		3		Laboratory Ethics & Data Integrity	PA	-DEP 2050	✓			
✓		3		Laboratory Practices and Procedures	PA	-DEP 3764	✓			
✓		3		Microbiology Theory and Technique			✓			
✓		3		Nutrient Analyses: Carbon, Nitrogen and Phosphorus	PA	-DEP 3763	✓			
✓		3		QA/QC of Fecal Coliforms by Membrane Filtration: Standard Method 9222D	PA	-DEP 2781	✓			
✓		3		Wastewater Analyses I: Basic Non-Potab Water	le PA	-DEP 3760	✓			
✓		3		Wastewater Analyses II: Advanced Wet Chemistry	PA	-DEP 3761	✓			
✓		3		Wastewater Anaylses III: Instrumental Analyses	PA	-DEP 3762	✓			
Enviro	nmenta	l Lever	age Inc.		Telephone	(630) 609	-9791			
				rth Aurora, IL 60542	Website:			relearning.co	om/ele	arning
A	PPROVE	<u>D</u>						_		
	Indirect		DENIED	Course Name	!	Course #	_	Conference	Film	On-Line
✓		4		How to use the Microscope				Ш		Ш
✓		2.0		Troubleshooting Wastewater Microbiolog	У		ш	Ш		
✓		2		Wastewater Basics				<u></u>		Ш
✓		2		Wastewater Basics						
✓				Wastewater Microbiology		M001				
✓		2		Wastewater Microbiology Pt 1						
✓		2.5		Wastewater Microbiology Pt 2						
✓		3		Wastewater Microbiology Pt 3						
✓		7		Wastewater Visual Troubleshooting						
Enviro	nmenta	l Train	ing Assoc.		Telephone	(207) 318	-7299			
			d, ME 0410	02	Website:	www.env		ning.com		
	PPROVE Indirect		<u>DENIED</u>	Course Name	!	Course #	Class	Conference	<u>Film</u>	On-Line
	✓	8		Hazardous Waste Management for Waster Operators	water		✓			
✓		32		Industrial Wastewater Treatment			✓			
✓		8		Physical/Chemical Treatment			✓			
✓		4		Spill Prevention, Control & Countermeasu (SPCC) for Wastewater Operators	ires		✓			
✓		4		Stormwater Management			✓			
✓		8		Treatment of Metal Wastes			✓		П	

Some courses may no longer be available, contact course sponsor for availability.

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EPA-H	Enforcen	nent &	Complianc	ce History Online	Telephone	e:				
				ashington, DC 20460	Website:		ho.epa.	gov/help/tra	ining	
	PPROVE					_				
	<u>Indirect</u>	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #	Class	<u>Conference</u>	<u>Film</u>	
✓		2		Electronic Reporting for the Biosolids An Report	nual					✓
	✓	1		Introduction to ECHO Demonstration						✓
✓		1		National Study of Nutrient Removal and Secondary Technologies						✓
EPA-V	Water Se	ecurity 1	Division		Telephone	e: (703) 247	7-6115			
3100 C	Clarendor	n Blvd, S	Suite 400, A	Arlington, VA 22201	Website:	epa.gov/v	vaterres	silience		
	PPROVE					a	~·	~ 4		
Direct	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #	Class	Conference	Film	
	✓	1		Incorporating Resilence Technologies					Ш	✓
	✓	1		Increasing Support for Water Resilence						✓
	✓	1		Leverating Funding Resources to Build Resilience						✓
✓		1.5		U.S. EPA Updated Risk Assessment and Emergency Response Plan Tools						✓
EEMA	Indone	ndont S	tudy Prog	wam	Talanhan	e: (301) 447	7 1200			
	_			g, MD 21727	Website:	, ,		ma.gov/IS/N	TMS.a	asp
	PPROVE			5, =1,=,		intep ii / trais			11.12.1	-SP
Direct	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		3		ICS for Single Resources and Initial Action Incidents	n					✓
✓		3		Introduction to Incident Command System (ICS)	1					✓
✓		3		Introduction to the Incident Command Sys (ICS) for Law Enforcement	stem					✓
✓		3		Introduction to the Incident Command Sys (ICS) for Public Works Personnel	stem					✓
✓		3		National Incident Management Systems (NIMS), An Introduction						✓
✓		3		National Response Framework, An Introd	uction					✓
✓		3		NIMS Multiagency Coordination System (MACS) Course						✓
First S	State Co	mmunit	y Action A	genev	Telephone	e: (302) 856	5-7761			
308 N.	Railroad	d Ave.,	-	n, DE 19947	Website:	c. (302) 630	5-7701			
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
	✓	4		Protecting Source Water Through Wastew	ater		✓			
	•	•		Management	acci		•			

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Flows	erve				Telephone	: (856) 241	-7800			
401 H	eron Driv	ve, Brio	dgeport, NJ	08014	Website:	www.flov	vserve.	com		
	PPROVE		DELUED			G "	G!	G C	T-11	0.1.
Direct	Indirect		<u>DENIED</u>	Course Name		Course #		Conference	Film	On-Line
✓		2		Pump & Mechanical Seal Basics for Oper	ators		✓	Ш		
			ipment Con		Telephone	: (410) 682	-2660			
8924	Yellow B	rick Ro	oad, Baltimo	re, MD 21237	Website:	www.geig	gerinc.c	com		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		1.5		Centrifugal Pump Assembly & Repair				✓		
✓		1.5		Centrifugal Pump Performance Test - Der	no			✓		
✓		1.5		Pump Fundamentals and Hydraulics				✓		
✓		1.5		Startup, Installation & Commissioning of Pumps			✓			
Conor	ol Physi	cc Cor	poration		Telephone	: (410) 540	5311			
				Elkridge, MD 21075	Website:	www.gpw		de.com		
	PPROVE					CI				
Direct	Indirect	Hours	<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
	✓	1.25		A.C. Electricity and Generators		PF1502				✓
	•	1		Basic Generator / Exciter Operation		PF1503				✓
	✓	1.5		Introduction to Chemistry		PF1801				✓
	•	1		Practical Basic Electricity		PF1501				✓
✓		1.25		Pumps		PF1202				✓
✓		1		The Environment		PF1901				✓
	✓	1		Units of Measurement		PF0301				✓
✓		1		Valves, Traps & Piping		PF1302				✓
✓		0.5		Water Pollution		PF1904				✓
✓		1		Water Treatment System Components		PF1802				✓
Hach	Compan	ıv			Telephone	: (970) 669	-3050			
	_	-	Loveland, C	CO 80538	Website:	Hach.com				
<u>A</u> Direct	PPROVE Indirect		DENIED	Carras Nama		Course #	Class	Conference	<u>Film</u>	On-Line
<u>⊅nect</u>		.5		<u>Course Name</u> Conductivity Technology		<u>course n</u>				<u>on Eme</u>
✓		.5		Introduction to Chlorine						<u> </u>
		.5								✓
✓		.5		Introduction to Conductivity						<u> </u>
✓				Introduction to Dissolved Oxygen						✓
✓		.5 .5		Introduction to pH Introduction to Total Organic Carbon						✓
✓		.5 .5								<u></u>
✓ ✓		1.0		Measuring Total Organic Carbon						✓
V		1.0		pH Potentiometric Technology					Ц	✓

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Harfo	rd Com	munity	College		Telephor	ne: (443) 412	2-2000			
401 Th	nomas R	un Road	, Bel Air, N	MD 21015	Website:	http://ww	w.harfo	ord.edu/		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
•		7		Nitrification and Troubleshooting the Act	tivated		✓			
				Sludge Process - HARF21015						
			raining Ins		-	ne: (877) 238				
	•		te 998, Las	Vegas, NV 89108	Website:	www.hou	istonino	dustrialtraini	ng.coi	n
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		3.0		Basic Activated Sludge Systems						✓
✓		4.0		Basic Centrifugal Pump Hydraulics						✓
	<u> </u>									· <u></u>
		4.5								✓
_										V
	····	4.0		Basic Lockout Tagout						V
V	<u> </u>	4.0		Compressed Air Fundamentals						<u> </u>
		2		Fundamentals of Mechanical Seals						<u> </u>
			f America,		_	ne: (717) 227				
	-		Glen Rock,	PA 17327	Website:	www.itat	raining	.com		
	PPROVE Indirect		DENIED	C N		Course #	Class	Conference	Film	On-Line
<u>⊅nect</u>		14		<u>Course Name</u> Basic Industrial Electricity		<u>course</u> "	<u>€1835</u>			
✓		14		Centrifugal Pumps		A-DEP 2375				
		17		Centifugai i unips				U		
				search & Education e 3600, Bldg. IV, Raleigh, NC 27606	Telephor Website:	ne: (919) 515 http://ww ml		ncsu.edu/ITI	RE/coi	ntact.ht
_	PPROVE									
<u>Direct</u>	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name		Course #		Conference	<u>Film</u>	On-Line
	✓	3		Flagger Training			✓			
	lygt Cor Yellow S	_		ern, PA 19355	Telephor Website:	ne: (610) 647 www.flyg		n		
	PPROVE									
<u>Direct</u>	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		7		Annual Preventive Maintenance Checks f Submersible Pumps	or		✓			
✓		15		Construction, Operation & Maintenance of Submersible Pumps	of		✓			
TADE	T				T.11	(000) 442	5000			
	Learnii Northpa	_	e, Suite 360	, Wake Forest, NC 27587	Website:	ne: (800) 443 www.jado		ng.com		
	PPROVE Indirect		DEMIED			Course #	Class	Conformes	Eil	On-Line
			<u>DENIED</u>	Course Name		Course #	Class		<u>1.11111</u>	
✓		6.0		Basic Organic Chemistry for Water and Wastewater Quality Professionals						
	•	4.0		Flectrical Safety						•

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JADE	Learnin	ıg			Telephone	e: (800) 44	43-5233			
11635	Northpar	rk Drive	e, Suite 360	, Wake Forest, NC 27587	Website:	www.ja	delearnir	ng.com		
	PPROVE		DENIED			C #	Cl	Cf	D:1	O I :
Direct	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	Film	On-Line
	✓	2.0								<u></u>
✓		1						Ш		✓
	✓	5.0								✓
✓		5.0		Maintaining Wastewater Equipment				<u>U</u>		Ш
✓		5.0		Piping Systems Part 1						✓
✓		5.0		Piping Systems Part 2						✓
✓				Pumps Part 1						✓
✓		5		Pumps Part 2						✓
✓		5.0		Wastewater Treatment Processes						✓
Lorma	an Educa	ation Se	ervices		Telephone	e: (866) 35	52-9539			
PO Bo	x 509, E	ua Clair	e, WI 5470	02	Website:	www.lo	rman.coı	n		
	PPROVE Indirect		DENIED			Course #	Class	Conference	Film	On-Line
		7		Course Name		Course #	<u>C1ass</u>	Conference	<u></u>	<u>OII-LIIIC</u>
	✓	/		Phase II Storm Water Regulation and Compliance			V			
M	1 D	4	. 4 . C 41 T		Т-11	(410) 5′	27 2000			
-	_			e, MD 21230	Website:	e: (410) 53		state.md.us/	Pages	/Home
1000 (v asimigo	on Diva	, Dartimor	c, MD 21230	website.	aspx	w w.mac.	state.ma.us/	i ages	Tiome.
_	PPROVE	_				~ "	a.	~ ^		
Direct	Indirect		<u>DENIED</u>	<u>Course Name</u>		Course #	Class	Conference	Film	On-Line
✓		6		Nitrification and Troubleshooting the Act	ivated		✓			
✓		7		Sludge Process Ultraviolet Disinfection			✓	· · · · · · · · · · · · · · · · · · ·		····
						(440) 44				
			er Associat e, MD 217		Website:	e: (410) 48	89-5877 d-rwa.or	σ		
	PPROVE		c, MD 217		Website.	vv vv vv .111	d Twa.or	5		
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		7		21st Century Membrane Apps in the W/V	VW		✓			
				Process						
			✓	A Comprehensive Approach to 48Sustain	able		✓			
		1		WQ Mgmt						
	✓	1 7		Back-Up Power - More is Better			V			
_				Basic Water & Wastewater Math (MRWA			✓			<u>U</u>
✓		1		Best Practices to Insure Your Backup Pov Ready Before an Event	ver 1s		✓		Ш	
✓		1		Controlling Treatment Through Lab Pract (Part I)			✓			
✓		1		Controlling Treatment Through Lab Pract (Part II)			✓			
			✓	Maintaining Disinfectant Residuals in Dis Storage Tanks	st.		✓			

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			er Associat		Telephone Website:	e: (410) 489				
	PO Box 225, Woodbine, MD 21797 APPROVED Direct Indirect Hours DENIED Course Name					www.md-	-rwa.or	g		
			<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		1		MBR Activated Sludge			✓			
✓		1		Overview of Wastewater & It's Processes			✓			
✓		4		Principles of SBR Tech: Biological Treats Op & Troubleshooting	ment,		✓			
✓		3		Ten Best Kept W & WW Process Mgmt S	Secrets		✓			
✓		1		Using Variable Frequency Drives to Save Energy			✓			
✓		6		UV and On-Site Hypochlorite Generation Systems			✓			
			~	Water Meter Types, Apps, Sizing, Mainte & Testing	nance		✓			
MD C	enter fo	r Envir	onmental T	Craining	Telephone	e: (301) 934	1-7500			
PO Bo	x 910, L	a Plata,	MD 20646	50910	Website:	www.mce	et.org			
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
		Hours	<u>DENIED</u> ✓	Chloramines - Potable Water Disinfection	with '	TRE 5131	<u>€Iass</u>			
			·····	a Different Twist				·	· <u></u>	
✓		7.0		Legal Liability - Operator and Superintene	dent '	TRE 5318	✓			
✓		6.0		Odor Control / Nitrification		TRE 5361	✓			
✓		4		Proper Inspection of On-Site Sewage Disp Systems	osal		✓			
MD O	nsite Wa	astewat	er Professi	ionals Assoc. (MOWPA)	Telephone	e: (443) 570)-2029			
P.O. B	ox 2570	, Ellicot	t City, MD	21041	Website:	www.mov	wpa.org	g		
	PPROVE		DEMIED			C #	C1	Cf	E:1	O- 1:
	Indirect		<u>DENIED</u>	Course Name		Course #		Conference	FIIM	On-Line
✓		14.5		Operations and Maintenance Service Prov Certificiation Program	rider		✓			
Midwe	est GeoS	ciences	Group		Telephone	e: (763) 607	7-0092			
6771 C	County R	oad 8 S	W, Waverly	y, MN 55390	Website:	http://ww	w.midv	vestgeo.com	/	
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		1.5		Contaminants of Concern: Antiobiotics an Antibiotic Resistance	d					•
✓		1.5		Contaminants of Concern: Bacteria						✓
✓		1.5		Contaminants of Concern: Pharmacuetical Personal Care Products						✓
Mike !	Nelson (Consulti	ing Service	s LLC	Telephone	e: (215) 354	1-5532			
			rchville, P		Website:	www.mik		nh2o.com		
	PPROVE		DEMIED	_		Cours - #	C1	Conference	T21	On I :
	Indirect		<u>DENIED</u>	Course Name		Course #		Conference	<u>LIIM</u>	OII-Line
✓		6.0		Aspects of Ozone and UV Disinfection			✓			

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Mike N	Nelson (Consulti	ng Service	s LLC	Telephone	e: (215) 35	4-5532			
			rchville, P	A 18966	Website:	www.mi	kenelsoi	nh2o.com		
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		6.5		Basic Electricity			✓			
✓		7		Basic Instrumentation and Process Contro			✓			
✓		8.0		Basic Math						
✓		6.0		Basics of Pumps & Hydraulics		2714				
	✓	6.0		Conventional Filtration			✓			
✓		6		Disinfection Using Chlorine Workshop			✓			
✓		6.0		Gas Chlorination						
	✓	6		Heartsaver First Aid with CPR and AED						
✓		6.0		Motors & Motor Control for Operators			✓	✓		
M4-	4- C4-	4 - TT9			Talambana	(000) (2	4 0201			
	i nta Sta t iffman F		-	MT 597172690	Website:	e: (800) 62		r.montana.e	du/tra	ining
	PPROVE	_	Bozeman,	111 3711/2070	Website.	nttp://we	itercente	r.montana.e	au, ira	iiiiig
	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	$\underline{Conference}$	<u>Film</u>	On-Line
✓		TBD		Wastewater Lagoon Systems Course: Ope	erator					✓
				Basics Training Series 2005						
Nalco					Telephone	e: (630) 30	5-1000			
1601 V	Vest Die	hl Rd, N	Iaperville, I	L 605631198	Website:	www.na	lcolearni	ingcenter.co	m	
	PPROVE Indirect		DENIED	C N		Course #	Class	Conference	Film	On-I ine
<u>Direct</u>		3		Course Name		Course #	<u>Class</u>			<u>⊘ii-Liiic</u>
✓		3		Biological Process Control			✓			· · · · · · · · · · · · · · · · · · ·
✓		3		Dissolved Oxygen in the WWT Process			✓			✓
•		3		Flocculants & Coagulants - Chemistry & Principles (AKA WW Coagulation & Flocculation)			V			•
✓		3		Introduction to Refinery Wastewater Microbiology			✓			
✓		4.0		Ion Exchange Training Course			✓			✓
		4.0		Membrane Technology Training Course			✓			✓
✓		8		Pretreatment Equipment Training			✓			✓
Nation	al Asso	c. of Wa	stewater T	Transport (NAWT)	Telephone	e: (800) 23	6-6298			
				aul, MN 55101	Website:	www.na				
	PPROVE									
Direct	Indirect		DENIED	<u>Course Name</u>		Course #	Class	Conference	Film	On-Line
✓		14		Basic On-Site Troubleshooting & Inspecti			✓	Ш		
✓		8		Basic Troubleshooting Onsite Wastewater Treatment Course			✓			
✓		8		Inspection Certification Course			✓			
✓		6.5		Onsite Installer Workshop			✓			
✓		12		Onsite Sewage Treatment System Inspecti Training & Certification Course	on,		✓			

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				Transport (NAWT)	-	ne: (800) 23	36-6298			
	_		e 500, St Pa	aul, MN 55101	Website:	www.na	wt.org			
	PPROVI Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		15		Operation & Maintenance Workshop Part	Ţ		✓			
✓		14		Operation, Maintenance and Management			✓	П		
•		1.		Training Course Part 2			•			
	✓	7.5		Vacuum Truck Technician Training			✓			
New F	England	Intersta	ite Water I	Pollution Control	Telephor	ne: (978) 32	23-7929			
650 St	ıffolk St	reet, Sui	te 410, Low	vell, MA 01854	Website:	http://w	ww.neiw	pcc.org/con	tact.as	p
<u>A</u>	PPROVI	ED_	DEMIED			G "	CI.	C . C	E:1	0.1.
	Indirect		DENIED	<u>Course Name</u>		Course #		Conference	Film	
✓		Varies		New England Interstate Water Pollution Control Classes			✓			✓
N.I W	ater Ass	ociation	1		Telephor	ne: (609) 24	42-7111			
			own, NJ 08	7582219	Website:	` ′	water.org	g		
	PPROVI Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓				Common Mode Chokes						
✓		1.0		Integrating Controls and Pumps				П		
						(201)				
			nt Associa t wn, NJ 074		Telephor Website:	ne: (201) 29 http://w	96-0021 ww.njwe	a.org/		
	.PPROVI		,			1	J	8		
Direct	Indirect	Hours	<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		4.0		Protecting your Assets			✓			
✓		4.0		Pumping and Treatment Symposium, NJW	/EA	NJWEA- DLGS-688	✓			
PA As	soc of S	ewage E	Enforcemen	nt Officers (PASEO)	Telephor	ne: (717) 7	51-8648			
				g, PA 170507096	Website:	` ′	-seo.org			
	PPROVI Indirect		DENIED			Course #	Class	Conference	Film	On-Line
<u>Direct</u>		6		<u>Course Name</u> Drip Irrigation Systm		#321	<u>C1033</u>			
✓		1.5		Free Access Gravity Sand Filter System O	ntion	#334	✓			
✓		1.5			ption	π334	✓			
✓		1.5		Matching Technologies to Sites		#328	✓			
		1		Steep Slope Elevated Sand Mound		π320			Ш	
	_		vironment risburg, PA	al Protection 17101	Telephor Website:	http://w rseCatal	ww.earth	iwise.dep.pa	.gov/e	du/Cou
<u>A</u> <u>Direct</u>	PPROVI Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓	✓	TBD		Pennsylvannia State (PA) DEP reciprocal			✓			•
				classes (http://www.earthwise.dep.pa.gov/edu/Cou atalog.aspx)	ırseC					

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PA Se	ction An	nerican	Water Wo	orks Association	Telephon	e: (717) 774	I-8870			
1309 E	Bridge St	., New C	Cumberland	l, PA 17070	Website:	www.paa	wwa.or	g		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		2		Centrifugal Pump Assembly & Repair			✓			
<u></u>		2		Installation & Maintenance of Mechanical	Seals		<u> </u>			
			nent Assoc Suite A, Har	(PSMA) rrisburg, PA 17110	Telephon Website:	e: (717) 763 www.psn				
	PPROVE									
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		16.25		Inspecting Onsite Wastewater Treatment Systems			✓			
✓		16		PSMA Onsite Wastewater Treatment Syst Inspection Training Program	em		✓			
D	l	D	V-4 A		Tolombon	· (014) 250	0202			
•	•		Vater Asso	e, PA 16823	Website:	e: (814) 353 www.prw				
	PPROVE	-	t, Deficion	, 171 10025	website.	www.prw	a.com			
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		4		3 Stooges of Water & Wastewater Testing Short Course	5	5919	✓			
✓		6		Common Sense Practices of a Well Run V & Wastewater System	Vater	6711	✓			
✓		11		Inflow & Infiltration: Detection, Correction Prevention	on & P	A-DEP 589	✓			
	✓	4		Safety: Confined Space, Trenches & Perso Protective Equip.		A-DEP 625	✓			
✓		5		Securing Drinking Water & Wastewater Treatment Facilities		2952	✓			
✓		6		Troubleshooting and Optimizing Activated Sludge Processes	d	692	✓			
Dumni	ing Mac	hinary l	I I C		Telenhon	e: (770) 310	0866			
2977 F	Four Oak	s Drive,	Atlanta, G	A 30360	Website:	` ′		achinery.com	n	
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		14		Pump School			✓			
RedZo	ne Robo	tics In	c		Telenhon	e: (412) 476	5_898N			
91 43r	d Street,	Pittsbur	gh, PA 15	201	Website:	www.red		m		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		2.0		Understanding Advanced Pipeline Assessi	ment					
Rural	Commu	nity As	sistance Pr	roject (RCAP)	Telephon	e: (302) 674	-1355			
655 S.	Bay Roa	d, Suite		DE 19901	Website:	www.serc				
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
✓		3		Chemistry for Wastewater Operator			✓			

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		•		roject (RCAP)		e: (302) 67				
	•		4J, Dover,	DE 19901	Website:	www.ser	cap.org			
	PPROV Indirec		DENIED	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		3		Energy Efficiency for Wastewater Plants			✓			
✓				Knowing Your NPDES Permit and Prepar	ing					
				for Compliance Sampling & Inspections						
✓		3.5		Preliminary & Primary Wastewater Treatr	nent		✓			
Rutge	rs Univ	ersity			Telephon	e: (732) 93	2-5935			
			Brunswick,	NJ 089011281	Website:	www.rut	gers.edu	Ì		
A Direct	PPROV Indirec	<u>ED</u> t Hours	DENIED	Course Name		Course #	Class	Conference	Film	On-Line
	✓	TBD		Advanced Electrical Print Reading			✓			
✓		12		Fundamentals of Generators & Transform	ers		✓			
✓		24		Identifying & Quantifying Extraneous Flo	ws in		✓			
				Sanitary Sewers						
✓		6		Instrumentation for Water & Wastewater Operators			✓			
✓		18		Motor Control Circuits: Wiring to						
✓		12		Onsite Wastewater Disposal Systems:			✓			
	<u></u>			Regulation, Design & Maintenance			<u></u>			
✓		TBD		Operation & Maintenance of Wastewater Collection Systems			✓			
✓		6		Variable Frequency Drives			✓			
✓		6		Wastewater Pumping Stations: Design, Operation & Maintenance			✓			
Sacra	mento S	State. Of	ice of Wat	er Programs	Telephon	e: (916) 27	8-6142			
				Sacramento, CA 95819	Website:	www.ow		du		
	PPROV		DENIED			Course #	Class	Conforma	Eilm	On Line
Direct	Indirec		<u>DENIED</u>	Course Name Westewater Treatment 601 A Facilities on	.al	Course #	Class	Conference	Film	On-Line
<u> </u>		Up to 18		Wastewater Treatment, 601A Facilities an Pretreatment						V
✓		Up to 18		Wastewater Treatment, 601B Sedimentati and Flotation	on					✓
✓		Up to 18		Wastewater Treatment, 601C Fixed Film Biological Treatment Processes						✓
✓		Up to 18		Wastewater Treatment, 601D Suspended Growth Biological Treatment Processes						✓
✓		Up to 18		Wastewater Treatment, 601E Disinfection	 l					✓
Sage I	Environ	mental			Telephon	e: (512) 56	9-3329			
			#320, Ker	nnesaw, GA 30144	Website:	www.4cc		ice.com		
	PPROV Indirec		<u>DENIED</u>			Course #	Class	Conference	Film	On-Line
<u>Direct</u>		6.5		<u>Course Name</u> Integrated Advanced Industrial Treatment	&r	Course #		<u>Conterence</u>		
		0.3		NPDES Essential (4C HSE Conference)	α			V		<u> </u>

Some courses may no longer be available, contact course sponsor for availability.

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	Environ		7.4220 IZ	CA 20144		e: (512) 569				
			v #320, Kei	nnesaw, GA 30144	Website:	www.4cc	onterer	ice.com		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		6.5		Intergraded Advanced Industrial Treatmen	nt &		✓			
				NPDES Essentials						
Sensus	s USA				Telephone	e: (919) 424	1-8965			
8601 S	Six Forks	Road, S	Suite 700, F	Raleigh, NC 27615	Website:	www.sen	sus.con	1		
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	Film	On-Line
		110415	<u>≥⊒··i≥</u>	Advanced Encryption I		OGGISO II				
			✓	Advanced Encryption II						
			·····	Base Station Alarms						
			✓	Base Station and Endpoint Security						
			·····	Base Station Backhaul						
			·····	Base Station Monitoring and Troubleshoo	tina					
			•	from the RNI	ung					
			✓	Base Station Power Systems						
			✓	Base Station Routine Maintenance						
			✓	Base Station Unified Software Release						
			✓	Day In The Life of AMI						
			✓	Day In The Life of AMR						
			✓	FlexNet and Solution User Role Managen	nent					
			✓	Logic						
			✓	Management of Sensus Data Platform						
			✓	Network Security Overview						
			✓	OMNI Overview Testing Tear Down & R	etrofit					
			✓	Overview of Sensus Data Platform						
			✓	RNI Authentication and Roles						
			✓	Sensus Analytics						
			✓	Unified OS Configuration (JSON FILE)						
Condle	D	al Cam			Talamban	(202) 295	7 1 (1 0			
			rd, DE 199	sistance Project	Website:	e: (302) 387 www.serc				
	PPROVE		, 22 1//		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	-up.018			
	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		7.0		Wastewater Operation & Management for Small Communities			✓			
	c Consu	_	incinnati, C	OH 45241	Telephone Website:	e: (513) 842 www.star		n		
	PPROVE		лисиппан, С	лт <i>+32</i> 41	website:	www.star	nec.coi	11		
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		7		Flow Monitoring Training Program	C	EO2081101	✓			

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	Tech ~			20.45	-	e: (302) 8				
		_	own, DE 1	9947	Website:	www.s	ussextech	training.net		
	PPROVE Indirect		DENIED	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		72		Motor Control and PLC Technology			✓			
1100 N		idi Circ	College le, Payson,	AZ 85541	Telephon Website:	e: (866) 5 www.a	557-1746 betle.com	l		
	PPROVE Indirect	Hours	<u>DENIED</u>	Course Name		Course # 6860	Class	Conference	Film	On-Line
		12.0		Water Chemistry		0800		Ш		
	_	_	tension Se		-	e: (877) 8				
		_	tation, TX	778407896	Website:	www.te	eex.com			
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		16		Disaster Management for Water & Waste Utilities (see DRWA)	water		✓			
Tri-As	sociatio	n Confe	erence		Telephon	e: (443) 9	24-4671			
P. O. E	30x 279,	Tilghm	an, MD 21	671	Website:	www.c	hesapeak	etricon.org		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		3.5		Cross-Connections Controls Pre-Conference Workshop				✓		
✓		1.0		Exhibit Hall				✓		
✓		3.0		MS4-Stormwater Pre-Conference Worksl	пор			✓		
✓		17		Tri-Association Conference				✓		
Trojai	1 Techno	ologies,	Inc.		Telephon	e: (519) 4	57-3400			
3020 C	Goar Roa	d, Lond	on, Ontario	, Canada N5V 4T7	Website:	www.tı	rojanuv.co	om		
	PPROVE Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		3		Ultraviolet Disinfection & UV Oxidation Wastewater & Drinking Water (see DRW			✓			
Region		0 Arch		otection Agency adelphia, PA 191032029		e: (215) 8 www.e		gion03/inde	x.htm	
	Indirect		<u>DENIED</u>	Course Name		Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
✓		2		All Hazards Boot Camp: Emergency Plar Response, Recovery	nning,	009				✓
	✓	1		Are You Cyber Aware?						✓
	✓	1		Building Community-Based Water Resili	ence					✓
✓		3		Energy Conservation Opportunities in Wa and Wastewater Facilities			✓			
✓		1.5		EPA Decentralized MOU: Property Trans Inspections of Onsite Wastewater Treatm Systems						v

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				otection Agency	-	e: (215) 814				
Region	Region III, 1650 Arch Street, Philadelphia, PA 191032029 APPROVED			Website:	www.epa.	gov/re	gion03/inde	x.htm		
			DEMIED			Course #	Class	Conforme	E:1	On Lin-
Direct	indirect		<u>DENIED</u>	Course Name	_	Course #	Class		<u>FIIM</u>	<u>On-Line</u>
✓		8.75		Extreme Weather Events: Adapt, Mitigate Survive	e, and			✓		
✓		1		Free Preparedness Tools & Resources for Drinking Water & Wastewater Utilities						✓
✓		1		Free Preparedness Tools & Resources for Drinking Water & Wastewater Utilities			✓			
✓		1		Free Preparedness Tools & Resources for Drinking Water & Wastewater Utilities Webinar						✓
✓		6		Innovative Energy Management Worksho	p		✓			
	✓	3		Plug Into Savings. Funding Energy Effici Projects for Your Water Utility			✓			
	✓	3.0		Responding to a Water Contamination Ev				✓		
	✓	7.0		Risk Assessment & Emergency Response Training			✓			✓
✓		3		Three Hour Energy - The Math Behind the			✓			
✓		2		LIP FPA Pretreatment 101 Series						✓
✓		5.0		Wastewater Microbiology			✓			
200 La	PPROVE	<u>ED</u>	Haworth, N.		Telephon Website:	e: (201) 599 www.unit	edwate		Eilm	On Line
	<u>Indirect</u>	2	<u>DENIED</u>	<u>Course Name</u> Environmental Awareness CEU Bundle		Course #	Class	Conference		<u>On-Line</u>
Unive	rsity of I	Delawar	·e		Telephon	e: (302) 831	-2792			
	rk, DE				Website:	http://ww		.edu/		
	PPROVE					~	~,	~ ^		
<u>Direct</u>	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		various		Nutrient Management for Operators			✓	✓		
✓		45		Water Quality Analysis, CIEG-437			✓			
		_		c. (WWOA) ton, DC 20032	Telephone Website:	e: (202) 787 www.ww		a.org		
	PPROVE		DELVER						г.	0.11
	Indirect		DENIED	<u>Course Name</u>	_	Course #	Class		Film	On-Line
~	<u></u>	varies		Annual Operator Short Course		ΓRE-5353- 13-03	<u></u>	✓	<u></u>	
✓		4		Biolac/DyanSand ENR Process			✓	Ш		Ш
✓		TBD		CWEA & WWOA Annual Conference & Exhibition (Hours earned based on attendary)	ance)			~		
✓		4		DynaSands ENR Process			✓			
✓		3		New Technologies in Water & Wastewate Operation	r		✓			

Some courses may no longer be available, contact course sponsor for availability.

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Water	& Was	te Oper	ators Asso	c. (WWOA)	Telephone	e: (202) 787	7-4197			
5000 Overlook Ave SW, Washington, DC 20032 APPROVED					Website:	www.ww		a.org		
<u>A</u>	PPROVE	<u>D</u>								
Direct	Indirect	Hours	<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		4		Sequencing Batch Reactor			✓			
✓		4.0		Sludge Handling			✓			
✓		4.0		Trenchless Infrastructure Rehabilitation C	lass		✓			
✓		varies		Tri-Association conference, CWEA, CSAWWA, and WWOA				✓		
✓				Understanding and Operating BNR/ENR Facilities						
✓		2		Variable Frequency Drives			✓			
✓		3.5		Wastewater Membrane Basics			✓			
Water	0. W.	٠. O o	4040wa A aa	Contain Chair	Т-11					
				oc., Eastern Shore ale, DE 19941	Telephone Website:	e: www.ww	oa-cwe	a oro		
	PPROVE		ika, Elicilda	iic, DL 17771	Website.	** ** ** **	oa ewe	u.01g		
	Indirect		<u>DENIED</u>	Course Name		Course #	Class	Conference	<u>Film</u>	On-Line
✓		3.5		Conversion of On-Site Fixed-Film WWTI MBR Process - WWOA	P to		✓			
✓		5		Electrical Testing, Maintenance & Infrare Scanning	d		✓			
Water	Enviro	nmental	l Federatio	on .	Telephone	e: (703) 684	1-2400			
	.1 0				-					
601 W		et, Alex		x 223141994	Website:	www.wef				
601 W	PPROVE	eet, Alex <u>D</u>	xandria, VA	A 223141994	-	www.wef	org.	Conference	Film	On-Line
601 W A Direct		eet, Alex <u>D</u> <u>Hours</u>	xandria, VA	223141994 <u>Course Name</u>	-			Conference	Film	
601 W A Direct	PPROVE	eet, Alex ED Hours 2	xandria, VA <u>DENIED</u>	Course Name Data Quality and Validation - Part 1	-	www.wef	org.	Conference	Film	✓
601 W A Direct	PPROVE	eet, Alex <u>D</u> <u>Hours</u>	xandria, VA	Course Name Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better	-	www.wef	org.	Conference	Film	
601 W A Direct V	PPROVE Indirect	eet, Alex ED Hours 2 2 2	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence	-	www.wef	Class	Conference	Film	v v
601 W A Direct ✓ ✓ ✓	PPROVE Indirect	eet, Alex ED Hours 2 2 2	xandria, VA <u>DENIED</u>	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment	-	www.wef	org.	Conference	Film	✓ ✓ ✓
601 W A Direct V V V	PPROVE Indirect	eet, Alex ED Hours 2 2 2 7 2	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation	Website:	www.wef	Class		Film	✓ ✓ ✓
601 W Direct V V V	PPROVE Indirect	eet, Alex DD Hours 2 2 2 7 2 TBD	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda	Website:	www.wef	Class		Film	✓ ✓ ✓
601 W A Direct V V V V V V	PPROVE Indirect	eet, Alex ED Hours 2 2 2 7 2 TBD TBD	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14)	Website:	www.wef	Class		Film	✓ ✓ ✓
601 W Direct V V V	PPROVE Indirect	eet, Alex DD Hours 2 2 2 7 2 TBD	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda	Website:	www.wef	Class		Film	✓ ✓ ✓
601 W A Direct V V V V V V V	PPROVE Indirect	eet, Alex ED Hours 2 2 2 7 2 TBD TBD	sandria, VA DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14) WEFTEC Conference April 19-22, 2015 (2015)	Website:	www.wef	Class Class		Film	✓ ✓ ✓
Direct ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	PPROVE Indirect Indirect Otter Air Park	Peet, Alex DD Hours 2 2 2 7 2 TBD TBD varies	DENIED DENIED DENIED	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14) WEFTEC Conference April 19-22, 2015 (2015)	Website:	www.wef	Class		Film	✓ ✓ ✓
A Direct A Direct A Direct A Direct A Direct A Direct A Direct	PPROVE Indirect Indirect Indirect Indirect Indirect	Peet, Alexed Peet,	Suite 4, Ash	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14) WEFTEC Conference April 19-22, 2015 (scanned doc) Course Name	nce) Telephone Website:	e: (877) 378 www.wat Course #	Class Class Representation of the content of the			✓ ✓ ✓ On-Line
Direct Direct W Water 11147	PPROVE Indirect Indir	Peet, Alex DD Hours 2 2 2 7 2 TBD TBD varies	Suite 4, Ash	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14) WEFTEC Conference April 19-22, 2015 (scanned doc)	Website: mce) Telephone Website:	e: (877) 378	Class Class Representation of the content of the	om om on the state of the state		
A Direct A Direct A Direct A Direct A Direct A Direct A Direct	PPROVE Indirect Indir	Peet, Alexed Peet,	Suite 4, Ash	Course Name Data Quality and Validation - Part 1 Data Quality and Validation - Part 2 How We See "Pathogens": Using Better Indicators to Detect Pathogen Presence Industrial Wastewater Treatment Principles of Sedimentation WEFTEC (hours earned based on attenda WEFTEC 2014 (9/27/14-10/1/14) WEFTEC Conference April 19-22, 2015 (scanned doc) Course Name A Few More Tools	Website: mce) (see Telephone Website:	www.wef Course # e: (877) 378 www.waf Course # ourse Pack	Class Class Representation of the content of the	om om on the state of the state		✓ ✓ ✓ On-Line

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Water	Water Otter 11147 Air Park Road, Suite 4, Ashland, VA 23005					(877) 378	3-8111			
11147	Air Parl	Road,	Suite 4, Asl	nland, VA 23005	Website:	www.wat	erotter.	com		
A Direct	PPROVE Indirect		<u>DENIED</u>	Course Name	<u>C</u>	Course #	Class	Conference	<u>Film</u>	On-Line
✓		1.0		Avoid a Disaster 3!	Cor	urse Pack 1008				
✓		2		Calculations Into Operations	Coi	urse Pack 1001				✓
✓		2		Chasing Thermal Demons From the Proces		urse Pack 1019				✓
			~	Chloramination		urse Pack 2018				✓
✓		2		Chlorination Disinfection Science		urse Pack 2012				✓
✓		2		Common Sense Disinfection Technology		urse Pack 2011				V
	v	2.0		Compare Disinfection		urse Pack 2014				v
✓		2		Comparing Alternative Systems		urse Pack 2014				✓
			~	Corrosion Management in Potable Water		urse Pack 1025				✓
			~	Corrosion Part 1		urse Pack 2030				✓
			~	Corrosion Part 2		urse Pack 2031				✓
			~	Corrosion Part 3		urse Pack 2032				✓
v	<u> </u>	2.0		De-Chlor Errors		urse Pack 2016		<u></u>	Ш <u></u>	<u> </u>
✓		2.0		Disinfection Moves		urse Pack 2011				V
✓		2		Hypochlorite Disinfection and De-chlorina	tion Co	urse Pack 2016				✓
✓		2		I Just Can't Get Enough Math		urse Pack 1003				✓
✓		2.0		Microscopes!		urse Pack 1018				✓
			✓	Monitoring Your System!		urse Pack 1090				
✓		2.0		More Disinfections		urse Pack 2019				
✓		2.0		Op. Confessions		urse Pack 1020				✓
✓		2.0		Operational Math		urse Pack 1001				✓
✓		2		Principles of Wastewater Treatment	Coi	urse Pack 1014				✓

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Water	Otter				Telephone: (877) 37	8-8111			
11147	Air Park	Road, S	Suite 4, Asl	nland, VA 23005	Website: www.wa	terotter.	com		
<u>A</u>	PPROVE								
<u>Direct</u>	Indirect	<u>Hours</u>	<u>DENIED</u>	Course Name	Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
	✓	1.0		Pump Course Part 1	Course Pack 2025				
✓		1.0		Pump Course Part 2	Course Pack 2026				✓
	✓	1.5		Pump Course Part 3	Course Pack 2027				
✓		2		Simple Microscope Applications	Course Pack 1018				✓
			✓	Small Groundwater Systems Ops.	Course Pack 2013				✓
✓		1.0		Temperature 2!	Course Pack 1099				✓
✓		1.0		Temperature!	Course Pack 1098				✓
✓		2		Ten Little Known Secrets for Process Management	Course Pack 1028				✓
✓		2		That Wasn't So Bad, A Review	Course Pack 1004				✓
✓		2		Three Stooges of Water/Wastewater	Course Pack 1026				✓
✓		2		Verifying Treatment Processes	Course Pack 1015				✓
✓		2		Yippee! More Math					✓
Wood	ard & C	urran			Telephone: (800) 44	6-5518			
	ashingto PPROVE		, Suite 325,	Dedham, MA 02026	Website: www.wo	odardcu	ırran.com		
	Indirect		<u>DENIED</u>	Course Name	Course #	<u>Class</u>	Conference	<u>Film</u>	On-Line
	✓	6		Basic Process Control		✓			

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